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$$\frac{dy}{dx} = \frac{\sum_{0 \leq i+j \leq n} a_{ij} x^i y^j}{\sum_{0 \leq i+j \leq n} b_{ij} x^i y^j} = \frac{Y_n(x, y)}{X_n(x, y)}$$
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SUBJECT CLASSIFICATION

This is a list of headings, with code numbers, under which articles were classified during the second half of 1969. The headings in capital letters are identical with those appearing in the monthly issues.

00. GENERAL

- 00 General mathematics
- 04 Collections of papers: Proceedings of conferences of general interest, translation volumes, etc. (See also 01.60)
- 20 General bibliographies
- 30 Dictionaries and other general reference works
- 50 Methodology and philosophy of mathematics

01. HISTORY AND BIOGRAPHY

- 01 General histories, source books
- 02 Primitive
- 05 Pre-Greek, Babylonian, Egyptian
- 08 Greek
- 10 Far East
- 12 Islam
- 15 Medieval
- 18 15th and 16th centuries, Renaissance
- 20 17th century
- 25 18th century
- 30 19th century
- 35 20th century
- 40 Contemporary
- 50 Biographies, obituaries, personalia
- 60 Collected or selected works; reprintings or translations of classics

02. LOGIC AND FOUNDATIONS

- 10 Classical deductive systems, general
- 12 Propositional calculus, two-valued
- 16 Predicate calculus
- 18 Classical proof theory
- 20 Non-classical logic, general
- 23 Intuitionism
- 25 Many-valued logic
- 27 Modal logic
- 30 Formal syntax and linguistics, general
- 32 Higher-order languages
- 35 Infinitary languages
- 38 Languages with additional quantifiers
- 40 Algebraic logic, general
- 42 Boolean algebras, lattices, topologies
- 45 Algebra of relations
- 48 Cylindric and polyadic algebras
- 50 Model theory, general
- 52 Semantics and metamathematics, categoricity
- 54 Axiomatics and applications, decision methods
- 57 Non-standard models
- 60 Axiomatic set theory, general
- 63 Formalization of set theory
- 65 Consistency, independence, existence
- 68 Measurability, accessibility, other special questions
- 70 Recursive function theory, general
- 72 Arithmetic and recursive analysis
- 74 Undecidability
- 75 Unsolvability in mathematical systems
- 77 Hierarchies
- 80 Algorithms and machines, general
- 82 Turing, Post, Thue schemes
- 85 Combinatory logic
- 88 Abstract automaton theory (See also 94.40)

04. SET THEORY

- 15 Point sets
- 20 Relations (See also 08.20)

- 30 Transfinite numbers
- 40 Descriptive set theory; Borel classifications, Suslin schemes, etc. (See also 28.10)
- 60 Combinatorial (See also 05.04)

05. COMBINATORIAL THEORY, GRAPH THEORY

- 04 Combinatorial choice problems; subsets, representatives
- 05 Factorials, binomial coefficients, combinatorial functions
- 10 Combinatorial enumeration problems, generating functions
- 15 Combinatorial inequalities
- 20 Block designs (See also 62.61)
- 22 Difference sets (number-theoretic, group-theoretic, etc.)
- 24 Orthogonal arrays, Latin squares
- 25 Matrices
- 27 Finite geometries (See also 50.60)
- 30 Other designs, configurations
- 35 Matroids, geometric lattices
- 40 Graphs, general theory
- 45 Trees
- 50 Topological graph theory, embedding (See also 55.10)
- 55 Chromatic theory of graphs and maps
- 60 Directed graphs (digraphs)
- 62 Graphs and groups
- 65 Enumeration of graphs and maps

06. ORDER, LATTICES, ORDERED ALGEBRAIC STRUCTURES

- 10 Total order
- 20 Partial order
- 30 Lattices, generalizations
- 35 Complemented lattices, generalizations
- 40 Modular lattices, continuous geometries, generalizations
- 50 Distributive lattices, generalizations
- 60 Boolean algebras and rings
- 65 Order topologies (See also 54.56)
- 70 Ordered semigroups, other generalizations of groups
- 75 Ordered groups
- 78 Ordered abelian groups
- 80 Ordered linear spaces (See also 46.06)
- 85 Ordered rings, algebras, modules (See 12.70 for ordered fields)
- 90 Other ordered algebraic structures

08. GENERAL MATHEMATICAL SYSTEMS

- 10 Concrete categories, structures (See also 18.10)
- 20 Laws of composition
- 30 Universal algebra, general algebraic structures
- 40 Other

10. THEORY OF NUMBERS

- 01 General books
- 02 Tables
- 03 Computations
- 05 Elementary number theory, general
- 06 Congruences, residues
- 07 Special functions and sequences
- 08 Elementary prime number theory
- 09 Expansions and algorithms
- 10 Diophantine equations, general
- 11 Linear and quadratic equations
- 12 Cubic and quartic equations
- 13 Equations of higher degree
- 14 Local (p -adic) theory
- 15 Forms, general
- 16 Quadratic, Hermitian forms
- 17 Forms of degree ≥ 3
- 18 Multilinear forms

SUBJECT CLASSIFICATION

- 20 Modular functions and forms, automorphic functions (See also 20.65, 30.49, 32.65)
 - 21 Modular group, modular functions
 - 22 Automorphic forms, one variable
 - 23 Several variables
 - 25 Geometry of numbers
 - 30 Diophantine approximation
 - 31 Linear approximation, continued fractions
 - 32 Algebraicity, irrationality and transcendence
 - 33 Distribution modulo 1, normal numbers
 - 34 Analytic and p -adic theory
 - 40 Analytic multiplicative theory, general
 - 41 Analytic tools (Zeta- and L -functions, exponential sums, etc.)
 - 42 Distribution of the integers with specified multiplicative structure (including primes)
 - 43 Number-theoretic functions
 - 45 Analytic additive theory, general
 - 46 Sums of powers, generalizations
 - 47 Additive questions concerning primes
 - 48 Partitions, generating functions
 - 49 Sequences
 - 50 Probabilistic number theory
 - 55 Combinatorial problems in number theory (See also 05.00)
 - 60 Sequences of integers, general
 - 61 Recursive and other special sequences
 - 62 Addition of sequences, basis, essential components, etc.
 - 63 Density of special sequences
 - 64 Sieves
 - 65 Algebraic number theory, general (See also 12.50)
 - 66 Individual algebraic number fields (quadratic, cubic, cyclotomic, Kummer, etc.)
 - 67 Local theory (valuations, finite extensions of p -adic fields)
 - 68 Class field theory, complex multiplication
 - 69 Arithmetic of general rings
 - 75 Arithmetic theory of algebraic objects
 - 76 Polynomials
 - 77 Finite fields, power series fields
 - 78 Valued fields, algebraic function fields
 - 79 Matrices
 - 80 Decidability, other logical questions
12. FIELDS AND POLYNOMIALS
 - 10 Division rings (See also 16.46)
 - 20 Finite fields (See also 10.77)
 - 25 Polynomials over finite fields
 - 30 Polynomials
 - 40 Galois theory (See also 12.80, 13.70, 16.70)
 - 45 Algebraic extension fields
 - 50 Algebraic number fields (See also 10.65)
 - 70 Valuations, topological fields, ordered fields (See also 10.78, 13.98)
 - 75 Transcendental extension fields
 - 78 Algebraic function fields (See also 10.78, 14.35)
 - 80 Differential and difference algebra; differential Galois theory
13. COMMUTATIVE ASSOCIATIVE RINGS AND ALGEBRAS
(See also 16.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 40 Modules, representation
 - 50 Structure, classification
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 93 Rings of polynomials, formal power series
 - 95 Local rings
 - 98 Valuations (See also 12.70)
14. ALGEBRAIC GEOMETRY
 - 01 Algebraic varieties in real and complex spaces, classical algebraic geometry
 - 05 Algebraic geometry over abstract fields and rings, general
 - 08 Foundational questions
 - 10 Theories of equivalence
 - 15 Transformations and correspondences
 - 18 Singularities
 - 20 Algebraic curves, surfaces and special varieties
 - 35 Algebraic function fields (See also 10.78, 12.78)
 - 40 Arithmetic properties of varieties
 - 45 Rationality questions
 - 47 Weil conjectures, Riemann hypotheses
 - 48 Zeta functions for varieties (including mod p questions)
 - 49 Geometric analogues of arithmetic questions
 - 50 Group varieties (algebraic groups), abstract analytic groups
 - 51 Abelian varieties
 - 52 Abstract derivations and differentials
 - 55 Sheaf-theoretic and homological methods
15. LINEAR AND MULTILINEAR ALGEBRA, MATRIX THEORY
 - 05 Vector spaces, linear dependence, rank
 - 10 Linear equations
 - 15 Matrix inversion, generalized inverses
 - 20 Determinants, permanents, other special matrix functions
 - 25 Eigenvalues and eigenvectors
 - 30 Canonical forms, reductions, classification
 - 35 Matrix equations and identities
 - 38 Commutativity
 - 40 Algebraic systems of matrices (See also 16.48, 20.75)
 - 45 Matrices over special rings (quaternions, finite fields, etc.)
 - 48 Matrices of integers (See also 10.79)
 - 50 Linear inequalities
 - 55 Inequalities involving eigenvalues and eigenvectors
 - 58 Miscellaneous inequalities involving matrices
 - 60 Positive matrices
 - 65 Stochastic matrices
 - 70 Quadratic and bilinear forms, inner products
 - 75 Clifford algebras
 - 80 Multilinear algebra, tensor products
 - 85 Vector and tensor algebra, theory of invariants
 - 90 Exterior algebra, Grassman algebras
16. ASSOCIATIVE RINGS AND ALGEBRAS (See also 13.00)
 - 10 General theory
 - 15 Integral domains, unique factorization domains (non-commutative)
 - 20 Ideal theory
 - 25 Chain conditions; Artinian rings, Noetherian rings
 - 30 Radical theory
 - 32 Nil, nilpotent, radical rings
 - 40 Modules, representation
 - 42 Primitive rings
 - 44 Semisimple rings
 - 46 Simple rings, division rings
 - 48 Matrix rings
 - 49 Rings with polynomial identity
 - 50 Structure, classification
 - 53 Prime rings
 - 55 Rings with annihilator conditions
 - 56 Regular rings
 - 58 Rings with involution
 - 60 Automorphisms, derivations
 - 70 Galois theory
 - 80 Extension theory
 - 90 Homological methods
 - 94 Finite rings
 - 96 Semirings, other generalizations of rings (See also 08.00)
 - 98 Topological rings

17. NONASSOCIATIVE RINGS AND ALGEBRAS

- 10 General
- 20 Power associative
- 30 Lie (See also 22.80)
- 40 Jordan
- 50 Alternative
- 60 Other

18. CATEGORY THEORY, HOMOLOGICAL ALGEBRA

- 10 Abstract categories and functors (See also 08.10)
- 15 Abelian categories
- 20 Homological algebra

20. GROUP THEORY AND GENERALIZATIONS

- 08 Varieties of groups
- 10 Group presentations; free groups, generators, relations
- 15 Periodic groups
- 18 Groups with local properties
- 20 Groups acting on sets, permutation groups
- 22 Automorphism groups
- 25 Finite group theory
- 27 Structure of groups, classification
- 29 Simple groups
- 30 Abelian groups
- 40 Nilpotent, solvable, p -groups
- 43 Sylow subgroups, Π -subgroups
- 48 Group extensions
- 50 Homological methods in group theory
- 51 Limits of systems of groups
- 52 General products of groups (including semi-direct, wreath, free, amalgamated)
- 54 Special subgroups
- 56 Series of subgroups
- 58 Lattices of subgroups
- 60 Crystallographic and discrete geometric groups
- 65 Modular groups, discrete subgroups of classical groups
- 70 Classical groups (See also 22.55)
- 72 Collineation groups
- 75 Linear groups, general (See also 14.50)
- 80 Representations, characters, group algebras
- 85 Representations of symmetric groups
- 90 Semigroup algebras, representations, characters
- 92 Semigroups, general theory (See also 06.70)
- 93 Semigroups, structure and classification
- 95 Other binary systems; groupoids, quasigroups, loops
- 97 Ternary systems; heaps, semiheaps, heapoids
- 98 n -ary systems (See also 08.00)

22. TOPOLOGICAL GROUPS AND LIE THEORY

- 05 Topological semigroups and other generalizations of groups
- 10 Topological groups
- 20 Locally compact groups (See also 28.75 for Haar measure, 42.50 for LCA groups)
- 40 Transformation groups (See also 54.80, 54.82, 57.47)
- 50 Lie groups
- 55 Classical groups (See also 14.50, 20.70)
- 57 Representations and analysis of classical groups (See also 81.22)
- 60 Representations and analysis, general
- 65 Harmonic analysis on non-abelian groups (See 42.50 for LCA groups)
- 70 Homogeneous spaces, symmetric spaces (See also 53.66, 53.73, 57.45)
- 80 Lie algebras of Lie groups (See also 17.30)
- 90 Other Lie theory

26. FUNCTIONS OF REAL VARIABLES

- 10 Foundations: limits and generalizations, elementary topology of the line

20 Calculus

- 21 Elementary functions
- 30 Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.)
- 35 Classification of real functions; Baire classification of sets and functions (See also 28.00)
- 40 Differentiation, general theory; mean-value theorems (See also 28.16)
- 41 Non-differentiability (non-differentiable functions, points of non-differentiability), discontinuous derivatives
- 43 Generalized derivatives, derivatives of fractional order
- 44 Antidifferentiation
- 45 Denjoy integral, other special integrals
- 46 Integrals of Riemann, Stieltjes and Lebesgue type (See also 28.00)
- 49 Functions of bounded variation, generalizations
- 50 Monotonic functions, generalizations
- 52 Convexity, generalizations
- 54 Fixed-point theorems
- 55 Several variables, implicit function theorems, Jacobians, transformations with several variables
- 56 Length, area, volume
- 60 Polynomials
- 70 Inequalities (of a general and miscellaneous character)
- 80 Real-analytic functions, C^∞ functions

28. MEASURE AND INTEGRATION

- 10 Classes of sets (Borel fields, σ -rings, etc.), measurable sets, Suslin sets, analytic sets (See also 04.40)
- 13 Real- or complex-valued set functions, contents, measures, outer measures, capacities, etc.
- 16 Abstract differentiation theory, differentiation of set functions (See also 26.40)
- 20 Measurable and non-measurable functions; modes of convergence
- 25 Integration with respect to measures and other set functions
- 30 Integration theory via linear functionals (Radon measures, Daniell integrals, etc.)
- 40 Measures and integrals in product spaces
- 46 Measures and integrals in function spaces, linear spaces; Wiener measure
- 50 Vector-valued measures and integrals, integration of vector-valued functions
- 55 Integration and disintegration of measures, lifting theory
- 60 Measures and integrals with values in general ordered systems
- 65 Measures on Boolean rings, measure algebras
- 70 Measure-preserving transformations, flows (dynamical systems), ergodic theory
- 75 Invariant measures, Haar measure (See also 22.20)
- 80 Length, area, volume; other geometric measure theory

30. FUNCTIONS OF A COMPLEX VARIABLE

- 01 General questions, foundations
- 02 Monogenic properties of complex functions (also polygenic and areolar monogenic functions)
- 09 Inequalities in the complex domain
- 10 Polynomials
- 11 Zeros of polynomials
- 20 Power series
- 21 Behavior on the boundary of convergence. Overconvergence
- 24 Dirichlet series
- 25 Continued fractions
- 28 Analytic continuation
- 30 Sequences and series of analytic functions; uniform convergence, normal families, normal functions
- 35 Integration; integral representations; Cauchy integral, Poisson and Poisson-Stieltjes integrals
- 38 Moment problems; interpolation problems
- 40 Conformal mapping, general theory
- 41 Capacity, harmonic measure
- 42 Univalent functions

- 43 Coefficient problems
- 44 Multivalent functions
- 45 Riemann surfaces, uniformization
- 46 Algebraic functions, Abelian integrals
- 47 Quasiconformal mapping
- 49 Automorphic functions and modular functions
- 50 Maximum principle. Schwarz's lemma, Phragmén-Lindelöf theorems
- 52 Extremal problems in the complex domain
- 55 Entire functions, general theory
- 56 Entire functions, representation by Dirichlet series
- 57 Entire functions, growth estimates
- 58 Entire functions, distribution of values
- 60 Meromorphic functions, general theory
- 61 Distribution of values, Picard-type theorems, Nevanlinna theory, defect (deficiency) theory
- 62 Theory of cluster sets, prime ends, boundary behavior
- 63 Bounded functions, positive real part, Blaschke products
- 66 Bounded mean modulus, bounded characteristic
- 67 H_p classes and other restrictions
- 70 Approximation by polynomials and rational functions in the complex domain
- 75 Boundary value problems, Dirichlet problem
- 77 Special boundary value problems; Riemann-Hilbert problem. Inverse boundary problems
- 79 Algebroidal functions
- 80 Topological function theory, functions topologically equivalent to analytic mappings
- 81 Generalized analytic mappings. Pseudo-analytic functions of Bers, Vekua, etc.
- 83 Functions of hypercomplex variables and generalized variables (See also 32.80)
- 85 Spaces of analytic functions (See also 46.30)
- 86 Kernel function and applications
- 87 Algebras of analytic functions (See also 46.55)

31. POTENTIAL THEORY

- 10 Harmonic functions in the plane
- 11 Harmonic functions, general
- 15 Subharmonic, superharmonic functions
- 20 Boundary value problems, Dirichlet problem
- 21 Capacity and harmonic measure
- 22 Generalized capacity and potential
- 30 Biharmonic and polyharmonic functions and equations
- 35 Poisson's equation
- 50 Axiomatic potential theory

32. SEVERAL COMPLEX VARIABLES

- 02 Foundations, general questions
- 05 Polynomials, entire functions
- 10 Power series, formal theory
- 15 Integral representations
- 17 Inequalities
- 20 Domains of holomorphy
- 22 Pseudoconvexity
- 25 Local properties of holomorphic functions
- 27 Removable singularities
- 32 Complex symmetric spaces
- 35 Bergman kernel function
- 40 Analytic manifolds
- 44 Analytic varieties
- 47 Analytic spaces
- 49 Stein spaces
- 50 Analytic sheaves and cohomology theory
- 60 Holomorphic mappings
- 65 Automorphic functions
- 70 Approximation theorems
- 80 Nonarchimedean function theory

33. SPECIAL FUNCTIONS

- 04 Number-theoretic functions, special sequences
- 10 Exponential and trigonometric functions

- 15 Gamma and beta functions
- 17 Error function, probability integral
- 19 Elliptic functions and integrals
- 20 Hypergeometric functions, generalizations
- 21 E -functions, G -functions
- 25 Cylindrical functions; Bessel functions
- 27 Spherical functions; Legendre polynomials and functions, spherical harmonics, ultraspherical polynomials
- 28 Lamé, Mathieu, spheroidal wave functions
- 30 Wave functions
- 32 Gegenbauer functions
- 40 Orthogonal special functions and polynomials (Čebyšev, Hermite, Jacobi, Laguerre, etc.) (See also 42.15)
- 45 Other special functions
- 50 Special functions and Lie groups

34. ORDINARY DIFFERENTIAL EQUATIONS

- 02 Solutions in closed form; integration by quadratures; reduction of differential equations
- 04 General existence and uniqueness theorems; continuous dependence of solution on parameter, initial and boundary conditions
- 06 Differential equations in the complex domain
- 10 Analytical theory; series, transformations, transforms, operational calculus, etc.
- 20 Linear equations and systems, general
- 30 Boundary value problems for linear equations: spectral theory, asymptotic behavior of eigenfunctions, distribution of eigenvalues (See also 47.60)
- 36 Nonlinear and multi-point boundary value problems
- 40 Qualitative theory, general
- 41 Limit cycles, singular points
- 42 Zeros, growth, oscillation and comparison of solutions
- 45 Nonlinear oscillations, periodic and almost periodic solutions, integral manifolds, averaging method
- 50 Asymptotic expansions, asymptotic behavior of solutions, turning points
- 51 Stability
- 53 Perturbations
- 54 Singular perturbations; small parameter with highest derivative
- 60 Equations and systems with randomness (See 60.75 for stochastic differential equations)
- 65 Dynamical systems, systems on manifolds
- 70 Differential equations of infinite order
- 75 Functional differential equations: differential-difference equations, equations with retarded argument
- 85 Optimal control problems
- 90 Differential inequalities
- 95 Differential equations in Banach and other abstract spaces

35. PARTIAL DIFFERENTIAL EQUATIONS

- 01 Existence and uniqueness theorems, general
- 02 Successive approximations
- 03 Cauchy-Kowalewski theorems, series solutions
- 04 Variational methods, a priori estimates
- 05 Analytic methods; singularities
- 06 Other special methods
- 07 Dependence of solutions on initial and boundary data, parameters
- 09 Geometric theory, characteristics, transformations
- 10 Qualitative theory, general
- 11 Comparison theorems; oscillation, zeros and growth of solutions
- 12 Periodic solutions
- 13 Perturbations
- 14 Singular perturbations, almost periodic solutions
- 15 Stability and control, boundedness
- 16 Asymptotic behavior of solutions
- 19 Differential inequalities; a priori estimates
- 20 Generalized solutions

SUBJECT CLASSIFICATION

- 21 Embedding theorems, Sobolev spaces (See also 46.38)
 - 23 Pseudodifferential operators (See also 47.65)
 - 24 Regularity of generalized solutions
 - 30 Linear equations and systems, first order
 - 31 Linear equations and systems, higher order
 - 35 Nonlinear equations and systems, first order
 - 36 Nonlinear equations and systems, higher order
 - 37 Cauchy problems
 - 38 Discontinuous coefficients or data
 - 39 Equations and systems with constant coefficients
 - 42 Second order elliptic equations
 - 43 Higher order elliptic equations
 - 44 Elliptic systems (linear or nonlinear)
 - 45 Boundary value problems for elliptic equations
 - 46 Boundary value problems for elliptic systems
 - 47 Quasilinear elliptic equations and systems
 - 48 Hypocoelliptic equations and systems
 - 52 Second order hyperbolic equations
 - 53 Hyperbolic systems, hyperbolic equations of higher order
 - 55 Boundary value problems for hyperbolic equations and systems
 - 57 Quasilinear hyperbolic equations and systems
 - 62 Second order parabolic equations
 - 63 Parabolic systems, parabolic equations of higher order
 - 65 Boundary value problems for parabolic equations and systems
 - 70 Equations and systems of mixed type (boundary value problems, etc.)
 - 75 Laplace's equation, reduced wave equation, Poisson's equation
 - 76 Wave equation
 - 77 Schrödinger equation
 - 78 Heat equation
 - 79 Other special equations and problems
 - 80 Eigenvalue problems, spectral theory, eigenfunction expansions (See also 47.65)
 - 88 Difference-partial differential equations; equations with time lag
 - 95 Operator equations, general (See also 34.95)
 - 96 Equations on manifolds
 - 97 Equations in function spaces
39. FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS
- 10 Finite differences, general
 - 20 Difference equations (See also 65.70)
 - 30 Functional equations, general
 - 31 Classical functional equations
 - 33 Linear and multilinear functional equations
 - 35 Functional equations in several variables, systems
 - 37 Matrix functional equations
 - 38 Functional equations on abstract structures
40. SEQUENCES, SERIES, SUMMABILITY
- 10 Series and sequences of numbers, general
 - 11 Infinite products
 - 12 Continued fractions
 - 13 Convergence and divergence
 - 15 Multiple series and sequences
 - 20 Sequences and series of functions, convergence
 - 30 Summability, general methods
 - 31 Summability, matrix methods
 - 32 Cesàro summability
 - 33 Abel, Poisson summability
 - 35 Summability of double series
 - 40 Convergence and summability of integrals
 - 42 Tauberian theorems
 - 46 Functional-analytic methods in summability theory
 - 50 Summability in topological groups, linear spaces, etc.
41. APPROXIMATIONS AND EXPANSIONS
- 10 Interpolation
 - 15 Polynomial approximation (See also 30.70)
 - 17 Approximation by rational functions (See also 30.70)
 - 30 Approximation by other special function classes
 - 35 Approximation by operators (in particular, by integral operators)
 - 40 Best approximation
 - 41 Degree of approximation, rate of convergence
 - 44 Approximate quadratures
 - 50 Asymptotic expansions
 - 55 Constructive theory of functions
 - 60 Abstract approximation theory; approximation in normed linear spaces and other abstract spaces
42. FOURIER ANALYSIS
- 05 Trigonometric polynomials
 - 06 Best approximation by trigonometric polynomials
 - 08 Trigonometric interpolation
 - 10 Fourier coefficients
 - 11 Convergence of Fourier series
 - 12 Absolute convergence of Fourier series
 - 15 Orthogonal functions and polynomials, general (See also 33.40)
 - 16 Expansions in orthogonal functions and polynomials
 - 17 Completeness of sets of orthogonal functions
 - 18 Completeness, closure, spectral synthesis
 - 20 Summability of Fourier and generalized Fourier expansions
 - 25 Fourier transform
 - 26 Other Fourier-type transforms
 - 27 Trigonometric moment problems
 - 30 Almost periodic functions
 - 35 Positive definite functions
 - 40 Multiple Fourier series and integrals
 - 50 Abstract harmonic analysis (Fourier analysis on LCA groups) (See also 22.65)
 - 51 Characters, duality
 - 52 Fourier-Stieltjes transform
 - 54 Positive definite functions on LCA groups
 - 55 Convolution, factorization
 - 56 Measure algebras, group algebras (See also 46.80)
 - 58 Ideals, spectral synthesis
44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS
- 10 Laplace transform
 - 25 Convolution
 - 28 General transforms
 - 30 Special transforms: Legendre, Hilbert, etc. (See also 45.33)
 - 32 Multiple transforms
 - 33 Transforms of special functions
 - 40 Operational calculus
 - 42 Operational calculus in several variables
 - 50 Fractional integrals (See also 26.43)
 - 60 Moment problems (See also 42.27)
45. INTEGRAL EQUATIONS
- 10 Linear integral equations, general (See also 47.70)
 - 11 Fredholm equations
 - 12 Eigenvalue problems
 - 13 Volterra equations
 - 15 Singular equations
 - 20 Systems of linear equations
 - 30 Nonlinear integral equations (See also 47.80)
 - 31 Singular nonlinear equations
 - 33 Miscellaneous special kernels (See also 44.30)
 - 40 Integro-differential equations, ordinary
 - 45 Integro-partial differential equations
46. FUNCTIONAL ANALYSIS
- 01 Topological linear spaces
 - 06 Ordered TLS; vector lattices
 - 10 Normed linear spaces, Banach spaces
 - 15 Inner product spaces, Hilbert spaces, spaces with an indefinite metric
 - 20 Other special spaces
 - 25 Spaces of continuous functions

SUBJECT CLASSIFICATION

- 30 Spaces of differentiable and analytic functions
 - 35 Spaces of measurable functions; L^p spaces, Orlicz spaces
 - 38 Sobolev spaces, embedding theorems, interpolation spaces (See also 35.21, 47.65)
 - 40 Distributions, generalized functions
 - 45 Derivatives and differentials in abstract spaces
 - 50 Topological algebras, normed rings and algebras, Banach algebras: general theory
 - 55 Commutative Banach algebras; function algebras
 - 60 Rings and algebras with an involution, \ast -algebras: general theory
 - 65 Rings and algebras of operators (with or without involution); C^\ast -algebras, von Neumann algebras
 - 80 Group algebras, convolution algebras (See also 22.65, 42.56)
 - 90 Miscellaneous applications of functional analysis
47. OPERATOR THEORY
- 10 Single linear operators, general theory
 - 20 Operators in ordered spaces
 - 25 Operators in function spaces and other special spaces (See also 28.70)
 - 30 Spectral theory, functional calculus
 - 35 Reducibility, invariant subspaces
 - 40 Structure, classification, canonical forms
 - 45 Compact (completely continuous) operators
 - 48 Perturbation theory
 - 50 Semigroups and groups of operators
 - 55 Other systems of operators (See also 46.65)
 - 60 Ordinary differential operators (See also 34.30)
 - 65 Partial differential operators (See also 35.80)
 - 70 Integral and integro-differential operators
 - 80 Nonlinear operators, general theory
 - 85 Fixed-point theorems (See also 54.85)
 - 90 Miscellaneous applications
49. CALCULUS OF VARIATIONS, OPTIMAL CONTROL (See also 93.40)
50. GEOMETRY (See also 14.00)
- 05 Foundations
 - 10 Euclidean
 - 14 Constructions
 - 20 Affine geometry, general
 - 25 Transformations
 - 30 Projective geometry, general
 - 35 Transformations
 - 38 Second-order loci
 - 40 Non-Euclidean geometry (i.e. hyperbolic or elliptic)
 - 48 Special geometries
 - 60 Finite geometries (See also 05.27)
 - 70 Projective planes
 - 90 Regular figures, divisions of space (See also 52.00)
52. CONVEX SETS AND GEOMETRIC INEQUALITIES
- 10 Convex polyhedra
 - 25 Convex curves
 - 30 Convex regions
 - 34 Helly-type theorems
 - 40 Extremum problems and geometric inequalities
 - 45 Packing and covering (See also 50.90)
 - 50 Distance geometries
53. DIFFERENTIAL GEOMETRY
- 01 Curves and surfaces in Euclidean spaces
 - 04 Minimal surfaces
 - 10 Affine differential geometry
 - 20 Projective differential geometry
 - 23 Differential line geometry
 - 25 Conformal differential geometry
 - 30 Non-Euclidean differential geometry
 - 32 Other special differential geometries
- 35 Vector and tensor analysis
 - 38 Spinor analysis
 - 40 Differentiable manifolds (general theory), e.g., definitions, jets, tangent bundles (See also 57.30)
 - 42 Differential invariants (local theory), geometric objects
 - 45 Differential calculus (global theory); forms, currents, integration, tensor fields, etc. (See also 57.50)
 - 50 Connections, general
 - 52 G -structures
 - 55 Affine connections
 - 60 Projective connections
 - 66 Homogeneous manifolds (See also 22.70, 57.45)
 - 70 Local Riemannian geometry
 - 72 Riemannian manifolds
 - 73 Symmetric spaces (See also 22.70, 57.45)
 - 74 Submanifolds, isometric imbeddings (See also 57.20)
 - 75 Global surface theory (convex surfaces)
 - 78 Lorentz metrics and generalizations
 - 80 Hermitian and Kählerian structures (See also 32.00, 57.60)
 - 85 Finsler spaces and generalizations (areal metrics)
 - 90 Integral geometry
 - 95 Direct methods (G -spaces of Busemann), geometric orders
 - 99 Other generalizations
54. GENERAL TOPOLOGY
- 10 Axiomatics; generalizations of topological spaces, syntopogenous spaces
 - 20 Topological spaces, general
 - 22 Convergence notions
 - 23 Separation axioms, T_i -spaces
 - 25 General constructs (products, quotients, limits, etc.)
 - 28 Function spaces
 - 30 Uniform structures, proximity spaces
 - 35 Metric spaces, metrizability
 - 38 Moore spaces
 - 40 Countability conditions, separability, Lindelöf spaces
 - 50 Paracompact spaces
 - 52 Compactness, local compactness, generalizations
 - 53 Compactifications, other extensions
 - 55 Connectedness, continua
 - 56 Ordered topological spaces (See also 06.65)
 - 60 Mappings
 - 65 Set-valued mappings
 - 70 Dimension theory (See also 55.38)
 - 75 Topology of E_n , 2-manifolds
 - 78 Topology of E_n , n -manifolds ($n > 2$)
 - 80 Transformation groups and semigroups (See also 22.40)
 - 82 Topological dynamics
 - 85 Fixed-point theorems, coincidence theorems, etc. (See also 47.85)
55. ALGEBRAIC TOPOLOGY
- 10 Graphs, map-coloring (See also 05.40)
 - 20 Knots, links (See also 57.20)
 - 25 Cell-complexes, simplicial complexes
 - 30 Homology and cohomology theories; K -theory
 - 32 Sheaves
 - 34 Cohomology operations, Steenrod algebra
 - 36 Periodic transformations, fixed points, coincidences (Smith theory)
 - 38 Dimension theory (See also 54.70)
 - 40 Homotopy theory, general
 - 42 Algebra of mappings (including cohomotopy groups)
 - 45 Computation of homotopy groups
 - 50 Fiber spaces (See also 57.30)
 - 52 Spectral sequences
 - 60 Manifolds (See also 53.40, 54.78, 57.01)
 - 66 Generalized manifolds, local homology
 - 68 Homotopy manifolds
 - 70 Imbedding, immersion (See also 57.20)

57. TOPOLOGY AND GEOMETRY OF MANIFOLDS

- 01 Topological manifolds, combinatorial manifolds (See also 55.00)
- 05 Geometric topology
- 10 Differentiable structures, cobordism
- 20 Differentiable mappings, imbeddings, immersions, diffeomorphisms (See also 53.74, 55.70)
- 30 Fiber bundles, vector bundles (See also 53.40, 55.50)
- 31 Topology of differentiable manifolds (See also 54.78)
- 32 Characteristic classes
- 34 Topology of vector and tensor fields
- 36 Foliations (See also 34.05)
- 40 Topology of Lie groups
- 45 Topology of homogeneous spaces (See also 22.70, 53.60, 53.73)
- 47 Transformation groups (See also 22.40, 54.80)
- 50 Analysis on differentiable manifolds (See also 53.72)
- 55 Infinite-dimensional manifolds
- 60 Complex manifolds (See also 32.00, 53.80)
- 70 Infinite Lie groups, deformations

60. PROBABILITY

- 02 Axioms, foundations
- 05 Probabilistic measure theory
- 08 Probability in topological groups, other structures
- 10 Combinatorial probability
- 15 Geometric probability
- 20 Distributions, characteristic functions
- 30 Limit theorems
- 40 Stochastic processes, general theory
- 50 Stationary processes
- 50 Markov processes, general
- 62 Hunt processes, diffusion processes, Brownian motion, probabilistic potential theory
- 65 Markov chains
- 66 Random walks
- 67 Branching processes; Galton-Watson, birth-and-death processes
- 69 Other special processes
- 70 Renewal theory
- 75 Stochastic differential and integral equations
- 80 Queuing, congestion, allocation, storage
- 90 Other applications

62. STATISTICS

- 05 Foundations: axiomatics, sufficiency, invariance, other general considerations
- 10 Distribution theory
- 15 Asymptotic theory
- 16 Exact and asymptotic efficiency
- 20 Estimation: parametric case
- 25 Hypothesis testing: parametric case
- 30 Decision theory
- 31 Ranking and selection
- 35 Bayesian inference
- 40 Multivariate analysis
- 41 Classification and discrimination
- 45 Sequential methods
- 50 Information-theoretic methods
- 55 Linear statistical inference, regression analysis
- 55 Analysis of variance; hierarchical models
- 60 Design and analysis of experiments, general
- 61 Construction of designs (See also 05.20)
- 62 Optimal designs
- 63 Factorial designs
- 64 Paired and multiple comparisons
- 70 Non-parametric methods
- 71 Goodness-of-fit tests
- 75 Order statistics
- 80 Engineering statistics; life testing and reliability, quality control
- 85 Statistical analysis of stochastic processes; time series

- 90 Sample surveys
- 95 Count data, contingency tables
- 97 Biometrics
- 99 Other applications

65. NUMERICAL METHODS

- 05 Tables, construction of tables
- 10 General mathematical methods; iteration, acceleration of convergence, numerical experiments
- 15 Monte Carlo methods
- 20 Interpolation, smoothing, least squares, curve fitting, approximation of functions
- 25 Computation of special functions, series, integrals
- 30 Mathematical programming and optimization techniques
- 33 Linear inequalities
- 35 Linear equations, determinants, matrices
- 40 Eigenvalues, eigenvectors
- 50 Solution of algebraic and transcendental equations and systems
- 55 Numerical differentiation and integration, quadrature, cubature, etc.
- 60 Ordinary differential equations, general
- 61 Initial value problems
- 62 Boundary value problems
- 65 Partial differential equations, general
- 66 Elliptic equations
- 67 Hyperbolic equations
- 68 Parabolic equations
- 70 Difference and functional equations
- 75 Integral and integro-differential equations
- 80 Error analysis
- 82 Miscellaneous inequalities
- 85 Graphical methods
- 90 Harmonic analysis and synthesis

68. COMPUTING MACHINES

69. GENERAL APPLIED MATHEMATICS

70. MECHANICS OF PARTICLES AND SYSTEMS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 45 Integral and integro-differential equations
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

73. ELASTICITY, PLASTICITY

- 34 Ordinary differential equations
- 35 Partial differential equations
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

76. FLUID MECHANICS, ACOUSTICS

- 34 Ordinary differential equations
- 35 Partial differential equations
- 41 Approximations and expansions
- 44 Integral transforms
- 45 Integral and integro-differential equations
- 46 Functional analysis
- 49 Calculus of variations
- 60 Probability
- 65 Numerical methods

78. OPTICS, ELECTROMAGNETIC THEORY

- 31 Potential theory
- 34 Ordinary differential equations
- 35 Partial differential equations

SUBJECT CLASSIFICATION

- 45 Integral and integro-differential equations
- 65 Numerical methods
- 80. CLASSICAL THERMODYNAMICS, HEAT TRANSFER
 - 31 Potential theory
 - 35 Partial differential equations
- 81. QUANTUM MECHANICS
 - 06 Order, lattices
 - 22 Lie groups and algebras, representations
 - 30 Functions of a complex variable
 - 31 Potential theory
 - 32 Several complex variables
 - 34 Ordinary differential equations
 - 35 Partial differential equations
 - 45 Integral and integro-differential equations
 - 46 Functional analysis; C^* -algebras
 - 47 Operator theory
 - 60 Probability
 - 62 Statistics
- 82. STATISTICAL PHYSICS, STRUCTURE OF MATTER
 - 20 Group theory
 - 45 Integral and integro-differential equations
 - 62 Statistics
- 83. RELATIVITY
 - 35 Partial differential equations
 - 53 Differential geometry
- 85. ASTRONOMY AND ASTROPHYSICS
- 86. GEOPHYSICS
- 90. ECONOMICS, OPERATIONS RESEARCH, PROGRAMMING, GAMES
 - 10 Economics
 - 30 Operations research
- 40 Multi-stage decision processes, dynamic programming (general)
- 50 Linear programming
- 56 Integer programming
- 57 Stochastic programming
- 58 Nonlinear programming, general
- 59 Quadratic programming
- 60 Convex programming
- 70 Game theory
- 72 Stochastic games
- 75 Differential and continuous games (See also 93.40)
- 92. BIOLOGY AND BEHAVIORAL SCIENCES
 - 10 Biology
 - 20 Genetics
 - 30 Population dynamics, epidemiology
 - 40 Sociology
 - 50 Psychology
- 93. SYSTEMS, CONTROL
 - 10 Systems, general
 - 20 Stability, qualitative behavior
 - 40 Optimal control (See also 34.85, 35.15, 49.00, 90.00)
 - 60 Stochastic control
 - 70 Adaptive control
- 94. INFORMATION AND COMMUNICATION, CIRCUITS, AUTOMATA
 - 10 Communication theory
 - 20 Information theory
 - 30 Circuits, networks; applications of graph theory, Boolean algebra
 - 40 Automata, general (See also 02.88)
 - 45 Probabilistic automata
 - 50 Linguistics, formal languages

ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of references used in MATHEMATICAL REVIEWS and the complete title; the place of publication and other pertinent information are given in parentheses when desirable for clarity.

- Abh. Akad. Wiss. Göttingen Math.-Phys. Kl.* Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. (Göttingen)
- Abh. Braunschweig. Wiss. Gesell.* Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft. (Braunschweig)
- Abh. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech.* Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)
- Abh. Math. Sem. Univ. Hamburg.* Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. (Hamburg)
- Abh. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Abhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse. (Leipzig)
- Abstracts Bulgarian Sci. Lit. Math. Phys. Astronom. Geophys. Geodes.* Bulgarian Academy of Sciences. Centre of Scientific Information and Documentation. Abstracts of Bulgarian Scientific Literature. Mathematics, Physics, Astronomy, Geophysics, Geodesy. (Sofia)
- Acad. R. P. Romîne Baza Cerc. Şti. Timişoara Stud. Cerc. Şti. Tehn.* Academia Republicii Populare Romîne. Baza de Cercetări Ştiinţifice Timişoara. Studii şi Cercetări Ştiinţifice Tehnice. (Timişoara)
- Acad. Roy. Belg. Bull. Cl. Sci.* Académie Royale de Belgique. Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)
- Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8°.* Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelungen. Verzameling in-8°. (Brussels)
- Acad. Serbe Sci. Arts Glas.* Académie Serbe des Sciences et des Arts. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade)
- Accad. Naz. Sci. Lett. Arti Modena Atti Mem.* Accademia Nazionale di Scienze Lettere e Arti. Modena. Atti e Memorie. (Modena)
- Acta Acad. Abo. Ser. B.* Acta Academiae Åboensis, Ser. B. Mathematica et Physica. Matematik-Naturvetenskap-Teknik. (Åbo = Turku)
- Acta Acust. Sinica.* Acta Acustica Sinica. (Peking)
- Acta Arith.* Polska Akademia Nauk. Instytut Matematyczny. Acta Arithmetica. (Warsaw)
- Acta Astronom. Sinica.* Acta Astronomica Sinica. (Peking)
- Acta Ci. Compostelana.* Acta Científica Compostelana. (Santiago de Compostela)
- Acta Fac. Rerum Natur. Univ. Comenian.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava) (Continued as: *Acta Fac. Rerum Natur. Univ. Comenian. Math.*)
- Acta Fac. Rerum Natur. Univ. Comenian. Math.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. Mathematica. (Bratislava) (Formerly: *Acta Fac. Rerum Natur. Univ. Comenian.*)
- Acta Math.* Acta Mathematica. (Uppsala)
- Acta Math. Acad. Sci. Hungar.* Acta Mathematica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Math. Sinica.* Acta Mathematica Sinica. (Peking) (Translated as: *Chinese Math.—Acta*)
- Acta Mech.* Acta Mechanica. (Vienna)
- Acta Mech. Sinica (New York).* Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)
- Acta Mech. Sinica (Peking).* Acta Mechanica Sinica. (Peking) (Translated as: *Acta Mech. Sinica (New York)*)
- Acta Mexicana Ci. Tecn.* Instituto Politécnico Nacional. Acta Mexicana de Ciencia y Tecnología. (Mexico City)
- Acta Philos. Fenn.* Acta Philosophica Fennica. (Helsinki)
- Acta Phys. Acad. Sci. Hungar.* Acta Physica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Phys. Austriaca.* Acta Physica Austriaca. (Vienna)
- Acta Phys. Sinica.* Acta Physica Sinica. (Peking) (Translated as: *Chinese J. Phys. (Peking)*)
- Acta Polytech. Scand. Math. and Comput. Mach. Ser.* Acta Polytechnica Scandinavica. Mathematics and Computing Machinery Series. (Stockholm)
- Acta Sci. Math. (Szeged).* Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)
- Acta Sci. Natur. Univ. Pekinensis.* Acta Scientiarum Naturalium Universitatis Pekinensis. (Peking)
- Acta Tech. Acad. Sci. Hungar.* Acta Technica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Univ. Tampere.* Acta Universitatis Tampereensis. (Helsinki)
- Acta Univ. Wratislav.* Acta Universitatis Wratislaviensis. (Wrocław)
- Actualités Sci. Indust.* Actualités Scientifiques et Industrielles. (Paris)
- Advances in Math.* Advances in Mathematics. (New York)
- Aequationes Math.* Aequationes Mathematicae. (Basel-Waterloo)
- AIAA J.* AIAA Journal. (Easton, Pa.)
- Akad. Nauk Armyan. SSR Dokl.* Akademija Nauk Armjanskoi SSR. Doklady. (Erevan)
- Akad. Nauk Azerbaidžan. SSR Dokl.* Akademija Nauk Azerbaidžanskoi SSR. Doklady. (Baku)
- Akad. Nauk Azerbaidžan. SSR Trudy Inst. Mat. Meh.* Akademija Nauk Azerbaidžanskoi SSR. Trudy Instituta Matematiki i Mexaniki. (Baku)
- Akad. Nauk Gruzin. SSR Trudy Tbiliss. Mat. Inst. Razmadze.* Akademija Nauk Gruzinskoi SSR. Trudy Tbilisskogo Matematičeskogo Instituta im. A. M. Razmadze. (Tbilisi) See Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.
- Akad. Nauk Kazah. SSR Trudy Astrofiz. Inst.* Akademija Nauk Kazahskoi SSR. Trudy Astrofizičeskogo Instituta. (Alma-Ata)
- Akad. Nauk Kazah. SSR Trudy Sekt. Mat. Meh.* Akademija Nauk Kazahskoi SSR. Trudy Sektora Matematiki i Mexaniki. (Alma-Ata)
- Akad. Nauk SSSR Sibirsk. Otdel. Inst. Avtomat. Elektrometr. Trudy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Avtomatiki i Elektrometrii. Trudy. (Novosibirsk)
- Akad. Nauk SSSR Trudy Jakutsk. Filial. Ser. Fiz.* Akademija Nauk SSSR. Trudy Jakutskogo Filiala. Serija fizičeskaja. (Moscow)
- Akad. Nauk Uzbek. SSR Trudy Inst. Mat.* Akademija Nauk Uzbekskoi SSR. Trudy Instituta Matematiki im. V. I. Romanovskogo. (Tashkent)

ABBREVIATIONS OF NAMES OF JOURNALS

- Akad. Wiss. Lit. Mainz Abh. Math.-Natur. Kl.* Akademie der Wissenschaften und der Literatur in Mainz. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Wiesbaden)
- Akust. Ž.* Akademija Nauk SSSR. Akustičeskij Žurnal. (Moscow) (Translated as: *Soviet Physics Acoust.*)
- Algebra i Logika Sem.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. Seminar. (Novosibirsk) (Continued as: *Algebra i Logika*)
- Algebra i Logika.* Akademija Nauk. SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. (Novosibirsk) (Formerly: *Algebra i Logika Sem.*)
- Algoritmyi Algoritmi. Jazyki.* Vyčislitel'nyj Centr Akademii Nauk SSSR. Algoritmyi Algoritmičeskije Jazyki. (Moscow)
- Algorytmy.* Algorytmy. Prace Instytutu Maszyn Matematycznych Polskiej Akademii Nauk. (Warsaw)
- Allgemein. Statist. Arch.* Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Munich)
- Amer. J. Math.* American Journal of Mathematics. (Baltimore, Md.)
- Amer. J. Phys.* American Journal of Physics. (New York)
- Amer. Math. Monthly.* The American Mathematical Monthly. (Buffalo, N.Y.)
- Amer. Math. Soc. Transl.* American Mathematical Society Translations. (Providence, R.I.)
- AMR.* Applied Mechanics Reviews. (New York)
- An. Acad. Brasil. Ci.* Anais da Academia Brasileira de Ciências. (Rio de Janeiro)
- An. Fac. Ci. Univ. Porto.* Anais da Faculdade de Ciências. Universidade do Porto. (Porto, Portugal)
- An. Inst. Mat. Univ. Nac. Autónoma México.* Anales del Instituto de Matemáticas. Universidad Nacional Autónoma de México. (Mexico City)
- An. Ști. Univ. "Al. I. Cuza" Iași Secț. I a Mat.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Seria Nouă). Secțiunea I a Matematică. (Iași)
- An. Univ. București Ser. Acta Logica.* Analele Universității București. Seria Acta Logica. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Fiz.* Analele Universității București. Seria Științele Naturii. Fizică. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Mat.-Mec.* Analele Universității București. Seria Științele Naturii. Matematică-Mecanică. (Bucharest)
- An. Univ. Timișoara Ser. Ști. Mat.-Fiz.* Analele Universității din Timișoara. Seria Științe Matematico-Fizice. (Timișoara)
- Ann. Acad. Sci. Fenn. Ser. A I.* Suomalainen Tiedakatemia Toimituksia. Sarja A. Annales Academiæ Scientiarum Fennicæ. Series A. I. Mathematica. (Helsinki)
- Ann. Acad. Sci. Fenn. Ser. A VI.* Suomalainen Tiedakatemia Toimituksia. Sarja A. Annales Academiæ Scientiarum Fennicæ. Series A. VI. Physica. (Helsinki)
- Ann. Fac. Sci. Univ. Toulouse.* Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques. (Toulouse)
- Ann. Inst. Fourier (Grenoble).* Université de Grenoble. Annales de l'Institut Fourier. (Grenoble)
- Ann. Inst. H. Poincaré Sect. A.* Annales de l'Institut Henri Poincaré. Section A: Physique théorique. (Paris)
- Ann. Inst. H. Poincaré Sect. B.* Annales de l'Institut Henri Poincaré. Section B: Calcul des probabilités et statistique. (Paris)
- Ann. Inst. Statist. Math.* Annals of the Institute of Statistical Mathematics. (Tokyo)
- Ann. Japan Assoc. Philos. Sci.* Annals of the Japan Association for Philosophy of Science. (Tokyo)
- Ann. Mat. Pura Appl.* Annali di Matematica Pura ed Applicata. (Bologna)
- Ann. Math. Statist.* The Annals of Mathematical Statistics. (Baltimore, Md.)
- Ann. of Math.* Annals of Mathematics. (Princeton, N.J.)
- Ann. Physics.* Annals of Physics. (New York)
- Ann. Physik.* Annalen der Physik. (Leipzig)
- Ann. Physique.* Annales de Physique. (Paris)
- Ann. Polon. Math.* Polska Akademia Nauk. Annales Polonici Mathematici. (Warsaw)
- Ann. Sci. École Norm. Sup.* Annales Scientifiques de l'École Normale Supérieure. (Paris)
- Ann. Scuola Norm. Sup. Pisa.* Annali della Scuola Normale Superiore di Pisa. Scienze Fisiche e Matematiche. (Pisa)
- Ann. Soc. Sci. Bruxelles Sér. I.* Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Brussels)
- Ann. Univ. Ferrara Sez. VII.* Annali dell'Università di Ferrara. (Nuovo Serie). Sezione VII. Scienze Matematiche. (Ferrara)
- Ann. Univ. Lyon Sect. B.* Annales de l'Université de Lyon. Section B. Sciences Physiques et Chimiques. (Lyon)
- Ann. Univ. Mariae Curie-Skłodowska Sect. A.* Annales Universitatis Mariae Curie-Skłodowska. Section A. Mathematica. (Lublin)
- Ann. Univ. Sarav. Math.-Natur. Fak.* Annales Universitatis Saraviensis. Mathematisch-Naturwissenschaftliche Fakultät. (Berlin)
- Ann. Univ. Sci. Budapest. Eötvös Sect. Math.* Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae. Sectio Mathematica. (Budapest)
- Ann. Univ. Turku. Ser. A I.* Annales Universitatis Turkuensis. Series A. I. Astronomica-Chemica-Physica-Mathematica. (Turku)
- Annuaire Univ. Sofia Fac. Math.* Godišnik na Sofijskija Universitet Matematičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Mathématiques. (Sofia)
- Annuaire Univ. Sofia Fac. Phys.* Godišnik na Sofijskija Universitet Fizičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Physique. (Sofia)
- Annual Rep. Coll. Lib. Arts Univ. Iwate.* Annual Report of the College of Liberal Arts, University of Iwate. (Kakusanwaki)
- Appl. Mat.* Československá Akademie Věd. Aplikace Matematiky. (Prague)
- Appl. Mech. Rev.* Applied Mechanics Reviews. (New York) (Sometimes abbreviated as *AMR* in the text of *Math. Reviews*)
- Appl. Sci. Res.* Applied Scientific Research. (The Hague)
- Appl. Statist.* Applied Statistics. A Journal of the Royal Statistical Society. (London)
- Arbok Univ. Bergen Mat.-Natur. Ser.* Årbok for Universitetet i Bergen. Mat.-Naturv. Serie. (Bergen)
- Arch. Automat. i Telemekh.* Instytut Automatyki Polskiej Akademii Nauk. Archivum Automatyki i Telemekhaniki. (Warsaw)
- Arch. History Exact Sci.* Archive for History of Exact Sciences. (Berlin)
- Arch. Internat. Histoire Sci.* Archives Internationales d'Histoire des Sciences. (Paris)
- Arch. Math. (Basel).* Archiv der Mathematik. Archives of Mathematics. Archives Mathématiques. (Basel-Stuttgart)
- Arch. Math. (Brno).* Spisy Přírodovědecké Faculty University J. E. Purkyně v Brně. Archivum Mathematicum. (Brno)
- Arch. Math. Logik Grundlagenforsch.* Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)
- Arch. Mech. Stos.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archivum Mechaniki Stosowanej. (Warsaw)

- Arch. Rational Mech. Anal.* Archive for Rational Mechanics and Analysis. (Berlin)
- Archimede.* Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)
- Ark. Astronom.* Arkiv för Astronomi. (Stockholm)
- Ark. Fys.* Arkiv för Fysik. (Stockholm)
- Ark. Mat.* Arkiv för Matematik. (Stockholm)
- Arkhimedes.* Arkhimedes. Suomen Fysiikkoseura—Finlands Fysikerförening r.y. Suomen Matemaattinen Yhdistys—Finlands Matematiska Förening r.y. (Helsinki)
- Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.* Armjanikil Gosudarstvennyj Pedagogičeskij Institut imeni H. Abovjana. Sbornik Naučnyh Trudov. Serija Fiziko-Matematičeskaja. (Erevan) (Formerly: Erevan. Armjan. Gos. Ped. Inst. im. H. Abovjana Učen. Zap. Ser. Mat. Nauk)
- Arquivo Inst. Gulbenkian Ci. A Estud. Mat. Fis.-Mat.* Arquivo do Instituto Gulbenkian de Ciência. A. Estudos Matemáticos e Físico-Matemáticos. (Lisbon)
- Assoc. Roy. Actuaire. Belges Bull.* Association Royale des Actuaire Belges. Bulletin. (Brussels)
- Astrofizika.* Akademiya Nauk Armjanskoi SSR. Astrofizika. (Erevan) (Translated as: *Astrophysics*)
- Astronaut. Acta.* Astronautica Acta. (Vienna)
- Astronom. J.* The Astronomical Journal. (New Haven, Conn.)
- Astronom. Jber.* Astronomischer Jahresbericht. (Berlin)
- Astronom. Nachr.* Astronomische Nachrichten. (Berlin)
- Astronomičeskij Žurnal.* Akademiya Nauk SSSR. Astronomičeskij Žurnal. (Moscow) (Translated as: *Soviet Astronom. AJ*)
- Astrophys. J.* The Astrophysical Journal. (Chicago, Ill.)
- Astrophysics.* Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Atti Accad. Gioenia Sci. Natur. Catania.* Atti della Accademia Gioenia di Scienze Naturali in Catania. (Catania)
- Atti Accad. Ligure Sci. Lett.* Atti della Accademia Ligure di Scienze e Lettere. (Genoa)
- Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Sez. I.* Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I^a. (Matematica, Meccanica, Astronomia, Geodesia e Geofisica). (Rome)
- Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)
- Atti Accad. Sci. Fis. Mat. Napoli.* Atti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli. (Naples)
- Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend.* Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Bologna)
- Atti Accad. Sci. Lett. Arti Palermo Parte I.* Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)
- Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur.* Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)
- Atti Fond. Giorgio Ronchi Contrib. Ist. Naz. Ottica.* Atti della Fondazione Giorgio Ronchi e Contributi dell'Istituto Nazionale di Ottica. (Firenze)
- Atti Sem. Mat. Fis. Univ. Modena.* Atti del Seminario Matematico e Fisico dell'Università di Modena. (Modena)
- Atti Soc. Peloritana Sci. Fis. Mat. Natur.* Atti della Società Peloritana di Scienze Fisiche Matematiche e Naturali. (Messina)
- Austral. Comput. J.* The Australian Computer Society. The Australian Computer Journal. (Chippendale)
- Austral. J. Phys.* Australian Journal of Physics. (Melbourne)
- Austral. J. Sci.* The Australian Journal of Science. (Sydney)
- Austral. J. Statist.* The Australian Journal of Statistics. (Sydney)
- Automat. Remote Control.* Automation and Remote Control. (A translation of *Automatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Automat. i Telemekh.*)
- Automatica. Internat. J. Automat. Control Automation.* Automatica. The International Journal on Automatic Control and Automation. (Oxford)
- Automat. i Telemekh.* Akademija Nauk Sojuza SSR. Avtomatika i Telemekhanika. (Moscow) (Translated as: *Automat. Remote Control*)
- Automat. i Vyšl. Tehn.* Avtomatika i Vyšlislitel'naja Tehnika. (Riga)
- Avtomatika.* Akademija Nauk Ukrain's'koj RSR. Institut Elektrotehniki. Avtomatika. (Kiev)
- Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk.* Azerbaidžanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenyje Zapiski. Serija Fiziko-Matematičeskij i Himičeskij Nauk. (Baku) (Continued as: *Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk*)
- Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Azerbaidžanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenyje Zapiski. Serija Fiziko-Matematičeskij Nauk. (Baku) (Formerly: *Azerbaidžan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk*)
- Balašov. Gos. Ped. Inst. Učen. Zap.* Balašovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Balašov)
- Baškir. Gos. Univ. Učen. Zap.* Baškirkij Gosudarstvennyj Universitet. Učenyje Zapiski. (Ufa)
- Bayer. Akad. Wiss. Math.-Natur. Kl. S.-B.* Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)
- Beijing Dazus Xuebao Ziran Kexue.* See *Acta Sci. Natur. Univ. Pekinensis*.
- Bell System Tech. J.* The Bell System Technical Journal. (New York)
- Biometrika.* Biometrics. Journal of the Biometric Society. (Blackburg, Va.)
- Biometrika.* Biometrika. (London)
- BIT = Nordisk Tidsskr. Informationsbehandling (BIT).*
- Biul. Lubel. Towarz. Nauk. Wydział II Mat. Fiz. Chem.* Biuletyn Lubelskiego Towarzystwa Naukowego. Wydział II. Matematyka. Fizyka. Chemia. (Lublin)
- Bjull. Inst. Teoret. Astronom.* Akademija Nauk Sojuza Sovetskijh Socialističeskijh Respublik. Bjulleten' Instituta Teoretičeskoi Astronomii. (Moscow)
- B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Anob.* B'lgarska Akademija na Naukite. Otdelenie a Matematičeskij i Fizičeskij Nauki. Izvestija na Fizičeskij Institut s Anob. (Sofia)
- B'lgar. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst.* B'lgarska Akademija na Naukite. Otdelenie za Matematičeskij i Fizičeskij Nauki. Izvestija na Matematičeskij Institut. (Sofia)
- Bol. Mat.* Boletín de Matemáticas. (Bogotá)
- Bol. Soc. Mat. Mexicana.* Boletín de la Sociedad Matemática Mexicana. (Mexico City)
- Bol. Soc. Mat. São Paulo.* Boletim da Sociedade de Matemática de São Paulo. (São Paulo)
- Bol. Univ. Paraná Inst. Fis.* Boletim da Universidade do Paraná. Conselho de Pesquisas. Instituto de Física. (Paraná)
- Boll. Un. Mat. Ital.* Bollettino della Unione Matematica Italiana. (Bologna)
- Bonn. Math. Schr.* Bonner Mathematische Schriften. (Bonn)
- British J. Hist. Sci.* British Society for the History of Science. British Journal for the History of Science. (London)
- British J. Math. Statist. Psychology.* The British Journal of Mathematical and Statistical Psychology. (London)
- British J. Philos. Sci.* The British Journal for the Philosophy of Science. (Edinburgh)

ABBREVIATIONS OF NAMES OF JOURNALS

- Buharek. Gos. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Buharskii Gosudarstvennyi Pedagogičeskii Institut. Učenoje Zapiiski. Serija Fiziko-Matematičeskij Nauk. (Bukhara)
- Bul. Akad. Științe RSS Moldoven.* Akademija Nauk Moldavskoi SSR. Izvestija Akademii Nauk Moldavskoi SSR. Buletinul Akademiei de Științe a RSS Moldovenești. (Kishinev)
- Bul. Inst. Politehn. Brașov Ser. A Mec.* Buletinul Institutului Politehnic din Brașov. Seria A. Mecanică. (Brașov)
- Bul. Inst. Politehn. București.* Buletinul Institutului Politehnic București. (Bucharest)
- Bul. Inst. Politehn. Iași.* Buletinul Institutului Politehnic din Iași. Serie Nouă. (Iași)
- Bul. Ști. Inst. Politehn. Cluj.* Buletinul Științific al Institutului Politehnic din Cluj. (Cluj)
- Bul. Ști. Tehn. Inst. Politehn. Timișoara.* Buletinul Științific și Tehnic al Institutului Politehnic Timișoara. Serie Nouă. (Timișoara)
- Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques. (Warsaw) (Formerly: *Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Appl.* and *Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.*)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Appl.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques Mécaniques Appliquées. (Warsaw) (Continued as: *Bull. Acad. Polon. Sci. Sér. Sci. Tech.*)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.* Bulletin de l'Académie Polonaise des Sciences. Série des Sciences Techniques Mécaniques Théoriques. (Warsaw) (Continued as: *Bull. Acad. Polon. Sci. Sér. Sci. Tech.*)
- Bull. Acad. Serbe Sci. Arts Cl. Sci. Math. Natur. Sci. Math.* Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Mathématiques. (Belgrade)
- Bull. Amer. Math. Soc.* Bulletin of the American Mathematical Society. (Providence, R.I.)
- Bull. Calcutta Math. Soc.* Bulletin of the Calcutta Mathematical Society. (Calcutta)
- Bull. College Sci. (Baghdad).* Bulletin of the College of Science. (Baghdad)
- Bull. Earthquake Res. Inst. Univ. Tokyo.* Bulletin of the Earthquake Research Institute, University of Tokyo. (Tokyo)
- Bull. Fac. Ed. Univ. Kagoshima.* Bulletin of the Faculty of Education, University of Kagoshima. (Kagoshima)
- Bull. Fukuoka Univ. Ed. III.* Bulletin of Fukuoka University of Education. Part III. Natural Sciences. (Fukuoka)
- Bull. Géodésique.* Bulletin Géodésique. (Paris)
- Bull. Inst. Internat. Statist.* Bulletin de l'Institut International de Statistique. (The Hague)
- Bull. Inst. Statist. Res. Training.* Institute of Statistical Research and Training. University of Dacca. The Bulletin of the Institute of Statistical Research and Training. (Dacca)
- Bull. Kyoto Univ. Education Ser. B.* Bulletin of the Kyoto University of Education. Series B. Mathematics and Natural Science. (Kyoto)
- Bull. Kyushu Inst. Tech. Math. Natur. Sci.* Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science. (Tobata)
- Bull. London Math. Soc.* The Bulletin of the London Mathematical Society. (London)
- Bull. Math. Biophys.* The Bulletin of Mathematical Biophysics. (Ann Arbor, Mich.)
- Bull. Math. Soc. Sci. Math. R. S. Roumanie.* Bulletin Mathématique de la Société des Sciences Mathématiques de la République Socialiste de Roumanie. (Bucharest)
- Bull. Math. Statist.* Bulletin of Mathematical Statistics. (Fukuoka)
- Bull. Nara Univ. Ed. Natur. Sci. Ser. B.* Bulletin of Nara University of Education. Natural Science. Series B. (Nara)
- Bull. Sci. Conseil Acad. RSF Yougoslav. Sect. A.* Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. Section A. (Zagreb)
- Bull. Sci. Engrg. Res. Lab. Waseda Univ.* Bulletin of Science and Engineering Research Laboratory. Waseda University. (Tokyo)
- Bull. Sci. Math.* Bulletin des Sciences Mathématiques. (Paris)
- Bull. Signal. I Math. Pures Appl.* Ministère de l'Éducation Nationale. Centre National de la Recherche Scientifique. Bulletin Signalétique. I. Mathématiques Pures et Appliquées. (Paris)
- Bull. Soc. Math. Belg.* Bulletin de la Société Mathématique de Belgique. (Brussels)
- Bull. Soc. Math. France.* Bulletin de la Société Mathématique de France. (Paris)
- Bull. Soc. Math. Grèce.* Bulletin de la Société Mathématique de Grèce. (Athens)
- Bull. Soc. Math. Phys. Macédoine.* Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Bilten na Društvo na Matematičarite i Fizičarite od Socialistička Republika Makedonija. (Skopje)
- Bull. Soc. Roy. Sci. Liège.* Bulletin de la Société Royale des Sciences de Liège. (Liège)
- Bull. Soc. Sci. Lettres Lódz.* Bulletin de la Société des Sciences et des Lettres de Lódz. (Lódz)
- Bull. Tokyo Gakugei Univ.* Bulletin of Tokyo Gakugei University. (Tokyo)
- Bull. Univ. Osaka Prefecture Ser. A.* Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences. (Osaka)
- Bull. Yamagata Univ. (Nat. Sci.).* Bulletin of the Yamagata University. (Natural Science). (Yamagata)
- C. R. Acad. Bulgare Sci.* Doklady Bolgarskoi Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)
- C. R. Acad. Sci. Paris Sér. A-B.* Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Séries A et B. (Paris)
- Cahiers Centre Études Recherche Opér.* Cahiers du Centre d'Études de Recherche Opérationnelle. (Brussels)
- Cahiers Rhodan.* Cahiers Rhodaniens. (Lyon)
- Cahiers Topologie Géom. Différentielle.* Cahiers de Topologie et Géométrie Différentielle. (Paris)
- Calcolo.* Calcolo. (Rome)
- Calcutta Statist. Assoc. Bull.* Calcutta Statistical Association Bulletin. (Calcutta)
- Canad. J. Math.* Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto, Ont.)
- Canad. J. Phys.* Canadian Journal of Physics. (Ottawa, Ont.)
- Canad. Math. Bull.* Canadian Mathematical Bulletin. Bulletin Canadien de Mathématiques. (Toronto, Ont.)
- Časopis Pěst. Mat.* Časopis pro Pěstování Matematiky. (Prague)
- Čeljabinsk. Gos. Ped. Inst. Trudy.* Čeljabinskii Gosudarstvennyi Pedagogičeskii Institut. Trudy. (Chelyabinsk)
- Centaurus.* Centaurus. (Copenhagen)
- Chinese J. Phys. (Peking).* Chinese Journal of Physics (Peking). (A translation of Acta Physica Sinica of the Chinese Academy of Sciences, Peking) (New York) (Translation of Acta Phys. Sinica)
- Chinese Math.—Acta.* Chinese Mathematics. Translation of Acta Mathematica Sinica. (Providence, R.I.) (Translation of Acta Math. Sinica)
- Cho-sŏn In-min Kong-hwa-kuk Kwa-hak-wŏn T'ong-p'o.* (Academy of Science of the People's Republic of Korea. Bulletin) Cho-sŏn Min-ju-ju-ŭi In-min Kong-hwa-kuk Kwa-hak-wŏn. T'ong-p'o. (Pyongyang) (Formerly: Cho-sŏn Kwa-hak-wŏn T'ong-bo)

- Cho-sŏn Kwa-hak-wŏn T'ong-bo.* (Academy of Science of the People's Democratic Republic of Korea. Bulletin) Cho-sŏn Min-ju-ju-ŭi In-min Kong-hwa-kuk Kwa-hak-wŏn. T'ong-bo. (Pyongyang) (Continued as: *Cho-sŏn In-min Kong-hwa-kuk Kwa-hak-wŏn T'ong-p'o*)
- Collect. Math.* Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. *Collectanea Mathematica.* (Barcelona)
- Colloq. Math.* Colloquium Mathematicum. (Warsaw)
- Comm. ACM.* Communications of the Association for Computing Machinery. (New York)
- Comm. Dublin Inst. Adv. Studies Ser. A.* Communications of the Dublin Institute for Advanced Studies. Series A. (Dublin)
- Comm. Fac. Sci. Univ. Ankara Sér. A.* Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Ankara)
- Comm. Math. Phys.* Communications in Mathematical Physics. (New York)
- Comm. Pure Appl. Math.* Communications on Pure and Applied Mathematics. (New York)
- Comment. Math. Helv.* Commentarii Mathematici Helvetici. (Zürich)
- Comment. Math. Univ. Carolinae.* Commentationes Mathematicae Universitatis Carolinae. (Prague)
- Comment. Math. Univ. St. Pauli.* Commentarii Mathematici Universitatis Sancti Pauli. Rikkyō Daigaku Sūgaku Zasshi. (Tokyo)
- Compositio Math.* Compositio Mathematica. (Groningen)
- Comput. J.* The Computer Journal. (London)
- Comput. Rev.* Computing Reviews. (New York) (Usually abbreviated *CR* in the text of *Math. Reviews*)
- Comput. Surveys.* Computing Surveys. ACM. (New York)
- Computing (Arch. Elektron. Rechnen).* Computing. Archiv für elektronisches Rechnen. Archives for Electronic Computing. (Vienna)
- Confer. Sem. Mat. Univ. Bari.* Conferenze del Seminario di Matematica dell'Università di Bari. (Bari)
- Contents Contemporary Math. J.* Contents of Contemporary Mathematical Journals. (Providence, R.I.)
- CORS J.* CORS J. The Canadian Operational Research Society Journal. (Toronto, Ont.)
- CR.* Computing Reviews. (New York)
- Čuvaj. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvětenija RSFSR. Čuvajskij Gosudarstvennyj Pedagogičeskij Institut im. I. Ja. Jakovleva. Učenyje Zapiski. (Cheboksary)
- Cybernetics.* Cybernetics. (New York) (A translation of *Kybernetika* (Kiev))
- Czasopis. Techn.* Politechnika Krakowska i Krakowskie Zjednoczenie Budownictwa. Czasopismo Techniczne. (Kraków)
- Czechoslovak J. Phys. Sect. B.* Československá Akademie Nauk. Československij Fizičeskij Žurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. Section B. (Prague)
- Czechoslovak Math. J.* Československá Akademie Nauk. Československij Matematičeskij Žurnal. Czechoslovak Mathematical Journal. (Prague)
- Dal'nevostoč. Gos. Univ. Učen. Zap.* Dal'nevostočnyj Gosudarstvennyj Universitet. Učenyje Zapiski (Serija fiziko-matematičeskij Nauk). (Vladivostok)
- Danske Vid. Selsk. Mat.-Fys. Medd.* Det Kongelige Danske Videnskabsnæstakab Matematisk-fysiske Meddelelser. (Copenhagen)
- Demonstratio Math.* Demonstratio Mathematica. (Warsaw)
- Defence Sci. J.* Defence Science Journal. (Delhi)
- Deutsch. Akad. Naturforsch. Nova Acta Leopoldina N.F.* Abhandlungen der Deutschen Akademie der Naturforscher Leopoldina. Nova Acta Leopoldina. (Leipzig)
- Differencial'nye Uravnenija.* Differencial'nye Uravnenija. (Minsk) (Translated as: *Differential Equations*)
- Differential Equations.* Differential Equations. (New York) (Translation of *Differencial'nye Uravnenija*)
- Diskrét. Analiz.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Diskretnyj Analiz. Sbornik Trudov. (Novosibirsk)
- Dissertationes Math. Rozprawy Mat.* Polskiej Akademii Nauk. Instytut Matematyczny. Dissertationes Mathematicae. Rozprawy Matematyczne. (Warsaw)
- Dokl. Akad. Nauk BSSR.* Doklady Akademii Nauk BSSR. (Minsk)
- Dokl. Akad. Nauk SSSR.* Doklady Akademii Nauk SSSR. (Moscow) (Mathematics section translated as: *Soviet Math. Dokl.*; Physics section translated as: *Soviet Physics Dokl.*)
- Dokl. Akad. Nauk Tadšk. SSR.* Doklady Akademii Nauk Tadškiskoi SSR. (Dushanbe)
- Dopovidj Akad. Nauk Ukrain. RSR Ser. A.* Dopovidj Akademii Nauk Ukrain's'koj RSR. Serija A. (Kiev)
- Dopovidj Akad. Nauk Ukrain. RSR Ser. B.* Dopovidj Akademii Nauk Ukrain's'koj RSR. Serija B. (Kiev)
- Duke Math. J.* Duke Mathematical Journal. (Durham, N.C.)
- Dušanbin. Gos. Ped. Inst. Učen. Zap.* Dušanbinskij Gosudarstvennyj Pedagogičeskij Institut im. T. G. Ševčenko. Učenyje Zapiski. (Dushanbe)
- Econometrica.* Econometrica. Journal of the Econometric Society. (Chicago, Ill.)
- EEA.* Science Abstracts. Electrical & Electronics Abstracts. (London)
- Eesti NSV Tead. Akad. Füüs. Astronoom. Inst. Uurim.* Eesti NSV Teaduste Akadeemia Füüsika ja Astronoomia Instituudi Uurimused. (Trudy Instituta Fiziki i Astronomii Akademii Nauk Ėstonskoj SSR). Publikacii Tartuskoi Astronomičeskoi Observatorii. (Tartu)
- Eesti NSV Tead. Akad. Tartu Astronoom. Observ. Publ.* Eesti NSV Teaduste Akadeemia Tartu Astronoomia Observatooriumi Publikatsioonid. (Tartu)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matemaatika. Izvestija Akademii Nauk Ėstonskoj SSR. Serija Fizika-Matematika. (Tallin)
- Ėkonom. i Mat. Metody.* Ėkonomika i Matematičeskije Metody. (Moscow)
- Ėkonom.-Mat. Obzor.* Československá Akademie Věd. Ekonomicko-Matematičeský Obzor. (Prague)
- Electrical & Electronics Abstracts.* Science Abstracts. Electrical & Electronics Abstracts. (London) (Usually abbreviated *EEA* in the text of *Math. Reviews*)
- Elektron. Informationsverarbeitung. Kybernetik.* Sektion für Kybernetik beim Präsidium der Deutschen Akademie der Wissenschaften zu Berlin und der Mathematischen Gesellschaft der Deutschen Demokratischen Republik. Elektronische Informationsverarbeitung und Kybernetik. (Berlin)
- Elem. Math.* Elemente der Mathematik. Revue de Mathématiques Élémentaires. Rivista de Matematica Elementare. (Basel)
- Engng. Cybernetics.* Engineering Cybernetics. English Edition of *Tekhnicheskaja Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Enseignement Math.* L'Enseignement Mathématique. (Geneva)
- Erevan. Armjan. Gos. Ped. Inst. im. H. Abovjana Učen. Zap. Ser. Mat. Nauk.* Erevanskij Armjaniskij Gosudarstvennyj Pedagogičeskij Institut im. H. Abovjana. Učenyje Zapiski. Serija Matematičeskij Nauk. (Erevan) (Continued as: *Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.*)
- Estadist. Española.* Estadística Española. (Madrid)
- Estadística.* Estadística. (Washington, D.C.)
- Euclides (Groningen).* Euclides. Tijdschrift voor de Didactiek der Exacte Vakken. (Groningen)
- Fac. Ingen. Agrimens. Montevideo Publ. Didact. Inst. Mat. Estadist.* Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemática y Estadística. (Montevideo)
- Fac. Sci. Univ. Skopje Annuaire.* Faculté des Sciences de l'Université de Skopje. Annuaire. (Skopje)

ABBREVIATIONS OF NAMES OF JOURNALS

- Fergan. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya Uzbekskoi SSR. Ferganskii Gosudarstvennyi Pedagogičeskii Institut imeni Ulugbeka. Učenyje Zapiski. Serija Matematičeskaja. (Fergana)
- Fibonacci Quart.* The Fibonacci Quarterly. Official Organ of the Fibonacci Association. A journal devoted to the study of integers with special properties. (St. Mary's College, Calif.)
- Fiz.-Mat. Spis. B'lgar. Akad. Nauk.* B'lgarska Akademija na Naukite Fizičeski Institut. Matematičeski Institut. Fiziko-Matematičesko Spisanie. (Sofia)
- FOA Rep.* FOA Reports. Försvarets Forskningsanstalt (Research Institute of National Defence). (Stockholm)
- Formosan Sci.* Formosan Science. (Taipei)
- Fortschr. Physik.* Fortschritte der Physik. (Berlin)
- Found. Language.* International Journal of Language and Philosophy. Foundations of Language. (Dordrecht)
- Functional Anal. Appl.* Functional Analysis and its Applications. (A translation of *Funkcional. Anal. i Priložen.*) (New York)
- Fund. Math.* Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw)
- Funkcial. Ekvac.* Fakto de l'Funkcialaj Ekvacioj Japana Matematika Societo. Funkcialaj Ekvacioj. (Serio Internacia). (Kobe)
- Funkcional. Anal. i Priložen.* Akademija Nauk SSSR. Funkcional'nyi Analiz i ego Priloženija. (Moscow) (Translated as: *Functional Anal. Appl.*)
- Fyz. Časopis Sloven. Akad. Vied.* Fyzikálny Časopis Slovenskej Akadémie Vied. (Bratislava)
- Gac. Mat. (Madrid).* Gaceta Matemática. (Madrid)
- Gapita.* Gapita (Mathematics). Bharat Gapita Parishad (Benares Mathematical Society). (Lucknow)
- Gaz. Mat. (Lisboa).* Gazeta de Matemática. (Lisbon)
- Gaz. Mat. Ser. A.* Societatea de Științe Matematice din R. P. R. Gazeta Matematică. Publicație Pentru Studiul și Răpîndirea Științelor Matematice. Seria A. (Bucharest)
- Geodæt. Inst. Medd.* Geodætisk Institut. Meddelelser. (Copenhagen)
- Gidraeromeh. i Teor. Uprugosti.* Gidraeromehanika i Teoriya Uprugosti. (Kharkov)
- Giorn. Ist. Ital. Attuari.* Giornale dell'Istituto Italiano degli Attuari. (Rome)
- Giorn. Mat. Battaglini.* Giornale di Matematiche di Battaglini. (Naples)
- Glasgow Math. J.* Glasgow Mathematical Journal. (Glasgow)
- Glasnik Mat. Ser. III.* Društvo Matematičara i Fizičara S. R. Hrvatske. Glasnik Matematički. Serija III. (Zagreb)
- Godišnik Visš. Tehn. Učebn. Zaved. Fiz.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Fizika. (Sofia)
- Godišnik Visš. Tehn. Učebn. Zaved. Mat.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Matematika. (Sofia)
- Godišnik Visš. Tehn. Učebn. Zaved. Priložna Meh.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Priložna Mehanika. (Sofia)
- Gor'kov. Gos. Univ. Učen. Zap.* Gor'kovskii Gosudarstvennyi Universitet. Učenyje Zapiski. (Gorki)
- Gruzin. Politehn. Inst. Trudy.* Gruzinskii Politehničeskii Institut im. V. I. Lenina. Trudy. (Tbilisi) See V. I. Lenin. Sakharth. Politekh. Inst. Šrom.
- Helv. Phys. Acta.* Helvetica Physica Acta. Societatis Physicæ Helveticae Commentaria Publica. (Basel)
- Hist. of Sci.* History of Science. An Annual Review of Literature, Research, and Teaching. (Cambridge, England)
- Hitotsubashi J. Arts Sci.* Hitotsubashi Journal of Arts & Sciences, Hitotsubashi University. (Tokyo)
- IBM J. Res. Develop.* IBM Journal of Research and Development. (New York)
- IBM Systems J.* International Business Machines Corporation. IBM Systems Journal. (Armonk, N.Y.)
- Icarus.* Icarus. International Journal of the Solar System. (New York)
- ICC Bull.* International Computation Centre Bulletin. Centre International de Calcul. (Rome)
- IEEE Spectrum.* IEEE Spectrum. (New York)
- IEEE Trans. Automatic Control.* IEEE Transactions on Automatic Control. (New York)
- IEEE Trans. Computers.* IEEE Transactions on Computers. (New York) (Formerly: *IEEE Trans. Electronic Computers*)
- IEEE Trans. Electronic Computers.* IEEE Transactions on Electronic Computers. (New York) (Continued as: *IEEE Trans. Computers*)
- IEEE Trans. Information Theory.* IEEE Transactions on Information Theory. (New York)
- Illinois J. Math.* Illinois Journal of Mathematics. (Urbana, Ill.)
- Indag. Math.* Indagationes Mathematicae. See *Nederl. Akad. Wetensch. Indag. Math.*
- Indian J. History Sci.* Indian Journal of History of Science. National Institute of Sciences of India. (New Delhi)
- Indian J. Math.* Indian Journal of Mathematics. (Allahabad)
- Indian J. Mech. Math.* Indian Journal of Mechanics and Mathematics. (Calcutta)
- Information and Control.* Information and Control. (New York)
- Information Processing in Japan.* Information Processing in Japan. (Tokyo)
- Information Sci.* Information Sciences. An International Journal. (New York)
- Inst. Gulbenkian Ci. Centro Cálcl. Ci. Estud. Program. Anál. Núm.* Fundação Calouste Gulbenkian. Instituto Gulbenkian de Ciência. Centro de Cálculo Científico. Estudos de Programação e Análise Numérica. (Lisbon)
- Inst. Hautes Études Sci. Publ. Math.* Institut des Hautes Études Scientifiques. Publications Mathématiques. (Paris)
- Internat. J. Comput. Math.* International Journal of Computer Mathematics. (New York)
- Internat. J. Control.* International Journal of Control. (London)
- Internat. J. Engrg. Sci.* International Journal of Engineering Science. (Oxford-New York)
- Internat. J. Non-Linear Mech.* International Journal of Non-Linear Mechanics. (New York)
- Invent. Math.* Inventiones Mathematicae. (Berlin)
- Inf.-Stroitel. Inst. Kulbyšev. Sb. Trudov.* Moskovskii Ordena Trudovogo Kraenogo Znamenii Inženerno-Stroitel'nyi Institut im. V. V. Kulbyševa. Sbornik Trudov. (Moscow)
- Isis.* Isis. An International Review Devoted to the History of Science and Civilization. (Cambridge, Mass.)
- Israel J. Math.* Israel Journal of Mathematics. (Jerusalem)
- Ist. Lombardo Accad. Sci. Lett. Rend. A.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)
- Ist. Veneto Sci. Lett. Arti Atti Ol. Sci. Mat. Natur.* Istituto Veneto de Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali. (Venice)
- Istanbul Tek. Univ. Bül.* İstanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul. (Istanbul)
- Istanbul Univ. Fen Fak. Mec. Ser. A.* İstanbul Üniversitesi Fen Fakültesi Mecmuası. A Serisi: Sırf ve Tatbiki Matematik. Revue de la Faculté des Sciences de l'Université d'Istanbul. Série A: Mathématiques Pures et Appliquées. (Istanbul)
- Istor.-Mat. Issled.* Istoriko-Matematičeskije Issledovanija. (Moscow-Leningrad)

ABBREVIATIONS OF NAMES OF JOURNALS

- Izv. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěšćenija RSFSR. Ivanovskij Gosudarstvennyj Pedagogičeskij Institut im. D. A. Furmanova. Ivanovskoe Matematičeskoe Obščestvo. Učenyje Zapiski. (Ivanovo)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth.* Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- Izv. Akad. Nauk Armjan. SSR Ser. Mat.* Izvestiya Akademii Nauk Armjanskoi SSR. Serija Matematika. (Erevan)
- Izv. Akad. Nauk Armjan. SSR Ser. Meh.* Izvestiya Akademii Nauk Armjanskoi SSR. Serija Mehanika. (Erevan)
- Izv. Akad. Nauk Azerbaidžan. SSR Ser. Fiz.-Tehn. Mat. Nauk.* Izvestiya Akademii Nauk Azerbaidžanskoi SSR. Serija Fiziko-Tekhnicheskij i Matematičeskij Nauk. (Baku)
- Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat.* Izvestiya Akademii Nauk Kazahskoi SSR. Serija Fiziko-Matematičeskaja. (Alma-Ata) (Formerly: *Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk*)
- Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk.* Izvestiya Akademii Nauk Kazahskoi SSR. Serija Fiziko-Matematičeskaja Nauk. (Alma-Ata) (Continued as: *Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat.*)
- Izv. Akad. Nauk Kirgiz. SSR.* Izvestiya Akademii Nauk Kirgizskoi SSR. (Frunze)
- Izv. Akad. Nauk Moldav. SSR = Bul. Akad. Științe RSS Moldoven.*
- Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana.* Izvestiya Akademii Nauk SSSR. Serija Fizika Atmosfery i Okeana. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.*)
- Izv. Akad. Nauk SSSR Ser. Fiz. Zemli.* Izvestiya Akademii Nauk SSSR Serija Fizika Zemli. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Phys. Solid Earth*)
- Izv. Akad. Nauk SSSR Ser. Mat.* Izvestiya Akademii Nauk SSSR. Serija Matematičeskaja. (Moscow) (Translated as: *Math. USSR-Izv.*)
- Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gaza.* Akademija Nauk SSSR. Izvestiya Akademii Nauk SSSR. Serija Mehanika Židkosti i Gaza. (Moscow)
- Izv. Akad. Nauk SSSR Tehn. Kibernet.* Izvestiya Akademii Nauk SSSR. Tekhnicheskaja Kibernetika. (Moscow) (Translated as: *Engng. Cybernetics*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Mat. i Geolog.-Him. Nauk.* Izvestiya Akademii Nauk Tadžikskoi SSR. Otdelenie Fiziko-Matematičeskij i Geologo-Himičeskij Nauk. (Dushanbe) (Formerly: *Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i Him. Nauk*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i Him. Nauk.* Izvestiya Akademii Nauk Tadžikskoi SSR. Otdelenie Fiziko-Tekhnicheskij i Himičeskij Nauk. (Dushanbe) (Continued as: *Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Mat. i Geolog.-Him. Nauk*)
- Izv. Akad. Nauk Turkmen. SSR Ser. Fiz.-Tehn. Him. Geol. Nauk.* Izvestiya Akademii Nauk Turkmenaskoi SSR. Serija Fiziko-Tekhnicheskij, Himičeskij i Geologičeskij Nauk. (Ashkhabad)
- Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk.* Izvestiya Akademii Nauk UzSSR. Serija Fiziko-Matematičeskij Nauk. UzSSR Fanlar Akademijasining Ahboroti. Fizika-Matematika Fanlari Serijasi. (Tashkent)
- Izv. Kazan. Fil. Akad. Nauk SSSR Ser. Fiz.-Mat. i Tehn. Nauk.* Izvestiya Kazanskogo Filiala Akademii Nauk SSSR. Serija Fiziko-Matematičeskij i Tekhnicheskij Nauk. (Kazan)
- Izv. Krymek. Ped. Inst.* Izvestija Krymskogo Pedagogičeskogo Instituta im. M. V. Frunze. (Simferopol)
- Izv. Sibirsk. Otd. Akad. Nauk SSSR.* Izvestija Sibirskogo Otdelenija Akademii Nauk SSSR. (Novosibirsk)
- Izv. Vuzov = Izv. Vyš. Učebn. Zaved. Matematika.*
- Izv. Vyš. Učebn. Zaved. Aviacion. Tehn.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija SSSR. Izvestija Vyših Učebnyh Zavedenij. Aviaionnaja Tehnika. (Kazan)
- Izv. Vyš. Učebn. Zaved. Fizika.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija SSSR. Izvestija Vyših Učebnyh Zavedenij Fizika. (Tomsk) (Translated as: *Soviet Physics J.*)
- Izv. Vyš. Učebn. Zaved. Matematika.* Ministerstvo Vyšego Obrazovanija SSSR. Izvestija Vyših Učebnyh Zavedenij. Matematika. (Kazan)
- Izv. Vyš. Učebn. Zaved. Radiofizika.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija SSSR. Izvestija Vyših Učebnyh Zavedenij. Radiofizika. (Gorki) (Translated as: *Soviet Radiophys.*)
- J. Algebra.* Journal of Algebra. (New York)
- J. Amer. Statist. Assoc.* Journal of the American Statistical Association. (Washington, D.C.)
- J. Analyse Math.* Journal d'Analyse Mathématique. (Jerusalem)
- J. Annamalai Univ. Part B Sci.* Journal of the Annamalai University. Part B. Sciences. (Annamalainagar)
- J. Appl. Math. Mech.* Journal of Applied Mathematics and Mechanics. (Translation of the Soviet journal *Prikladnaja Matematika i Mehanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Mech. Tech. Phys.* Journal of Applied Mechanics and Technical Physics. (Translation of *Ž. Prikl. Meh. i Tehn. Fiz.*) (New York)
- J. Appl. Probability.* Journal of Applied Probability. (East Lansing, Mich.)
- J. Approximation Theory.* Journal of Approximation Theory. (New York)
- J. Assoc. Comput. Mach.* Journal of the Association for Computing Machinery. (New York)
- J. Astronaut. Sci.* American Astronautical Society. Journal of the Astronautical Sciences. (Baltimore, Md.)
- J. Atmospheric Sci.* Journal of the Atmospheric Sciences. (Boston, Mass.)
- J. Austral. Math. Soc.* The Journal of the Australian Mathematical Society. (Sydney)
- J. Birla Inst. Tech. and Sci. (Pilani).* Journal of the Birla Institute of Technology and Science. (Pilani)
- J. China Univ. Sci. Techn.* Journal of the China University of Science and Technology. Zhongguo Kexue Jishu Daxue Xuebao. (Peking)
- J. Collège Arts Sci. Chiba Univ.* Journal of the College of Arts and Sciences, Chiba University. (Chiba)
- J. Combinatorial Theory.* Journal of Combinatorial Theory. (New York)
- J. Comput. System Sci.* Journal of Computer and System Sciences. (New York)
- J. Computational Phys.* Journal of Computational Physics. (New York)
- J. Cuneiform Studies.* Journal of Cuneiform Studies. (New Haven, Conn.)
- J. Differential Equations.* Journal of Differential Equations. (New York)
- J. Differential Geometry.* Journal of Differential Geometry. (Bethlehem, Pa.)
- J. Engng. Math.* Journal of Engineering Mathematics. (Groningen)
- J. Fac. Engng. Chiba Univ.* Journal of the Faculty of Engineering, Chiba University. (Chiba)
- J. Fac. Engng. Univ. Tokyo Ser. B.* Journal of the Faculty of Engineering. University of Tokyo. Series B. (Tokyo)
- J. Fac. Sci. Hokkaido Univ. Ser. I.* Journal of the Faculty of Science, Hokkaido University. Series I. Mathematics. (Sapporo)
- J. Fac. Sci. Shinshu Univ.* Journal of the Faculty of Science, Shinshu University. (Matsumoto)
- J. Fac. Sci. Univ. Tokyo Sect. I.* Journal of the Faculty of Science, University of Tokyo. Section I. Mathematics, Astronomy, Physics, Chemistry. (Tokyo)
- J. Fluid Mech.* Journal of Fluid Mechanics. (London)
- J. Franklin Inst.* Journal of the Franklin Institute. (Philadelphia, Pa.)

ABBREVIATIONS OF NAMES OF JOURNALS

- J. Functional Analysis.* Journal of Functional Analysis. (New York)
- J. Gakugei Tokushima Univ.* Journal of Gakugei. Tokushima University. (Tokushima) (Continued as: *J. Math. Tokushima Univ.*)
- J. Indian Math. Soc.* The Journal of the Indian Mathematical Society. (Madras)
- J. Indian Statist. Assoc.* Journal of the Indian Statistical Association. (Bombay)
- J. Inst. Math. Appl.* Journal of the Institute of Mathematics and its Applications. (New York)
- J. Karnatak Univ. Sci.* Journal of the Karnatak University. Science. (Dharwar)
- J. London Math. Soc.* The Journal of the London Mathematical Society. (London)
- J. Madras Univ. B.* Journal of the Madras University. B. Contributions in Mathematics, Physical and Biological Sciences. (Madras)
- J. Math. Anal. Appl.* Journal of Mathematical Analysis and Applications. (New York)
- J. Math. and Phys.* Journal of Mathematics and Physics. (Cambridge, Mass.) (Continued as: *Studies in Appl. Math.*)
- J. Math. (Jabalpur).* Journal of Mathematics. (Jabalpur)
- J. Math. Kyoto Univ.* Journal of Mathematics of Kyoto University. (Kyoto)
- J. Math. Mech.* Journal of Mathematics and Mechanics. (Bloomington, Ind.)
- J. Math. Pures Appl.* Journal de Mathématiques Pures et Appliquées. (Paris)
- J. Math. Sci.* Journal of Mathematical Sciences. The Society of Mathematical Sciences. (Delhi)
- J. Math. Soc. Japan.* Journal of the Mathematical Society of Japan. (Tokyo)
- J. Math. Tokushima Univ.* Journal of Mathematics. Tokushima University. (Tokushima) (Formerly: *J. Gakugei Tokushima Univ.*)
- J. Mathematical and Physical Sci.* Journal of Mathematical and Physical Sciences. (Madras)
- J. Mathematical Phys.* Journal of Mathematical Physics. (New York)
- J. Mathematical Psychology.* Journal of Mathematical Psychology. (New York)
- J. Mécanique.* Journal de Mécanique. (Paris)
- J. Mech. Phys. Solids.* Journal of the Mechanics and Physics of Solids. (London)
- J. Nanyang Univ.* Journal of Nanyang University. (Singapore)
- J. Natur. Sci. and Math.* The Journal of Natural Sciences and Mathematics. (Lahore)
- J. Number Theory.* Journal of Number Theory. (New York)
- J. Operations Res. Soc. Japan.* Journal of the Operations Research Society of Japan. (Tokyo)
- J. Opt. Soc. Amer.* Journal of the Optical Society of America. (New York)
- J. Optimization Theory Appl.* Journal of Optimization Theory and Applications. (New York)
- J. Phys. Soc. Japan.* Journal of the Physical Society of Japan. (Tokyo)
- J. Reine Angew. Math.* Journal für die reine und angewandte Mathematik. (Berlin)
- J. Res. Nat. Bur. Standards Sect. B.* Journal of Research of the National Bureau of Standards. Section B. Mathematics and Mathematical Physics. (Washington, D.C.)
- J. Roy. Statist. Soc. Ser. A.* Journal of the Royal Statistical Society. Series A (General). (London)
- J. Roy. Statist. Soc. Ser. B.* Journal of the Royal Statistical Society. Series B (Methodological). (London)
- J. Sci. Engrg. Res.* Journal of Science and Engineering Research. (Kharagpur)
- J. Sci. Hiroshima Univ. Ser. A-I Math.* Journal of Science of the Hiroshima University. Series A-I (Mathematics). (Hiroshima)
- J. Sci. Res. Banaras Hindu Univ.* The Journal of Scientific Research of the Banaras Hindu University. (Banaras)
- J. Symbolic Logic.* The Journal of Symbolic Logic. (Providence, R.I.)
- J. Tsing Hua Univ.* Journal of Tsing Hua University. (Peking)
- J. Univ. Bombay.* Journal of the University of Bombay. (Bombay)
- Jadernaja Fiz. Akademija Nauk SSSR.* Jadernaja Fizika. (Moscow) (Translated as: *Soviet J. Nuclear Phys.*)
- Janus.* Janus. Revue Internationale de l'Histoire des Sciences, de la Médecine, de la Pharmacie et de la Technique. (Leiden)
- Japan. J. Math.* Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)
- Jaroslav. Gos. Ped. Inst. Dokl. Naučn. Konfer.* Jaroslavl'skij Gosudarstvennyj Pedagogičeskij Institut. Doklady na Naučnyh Konferencijah. (Jaroslavl)
- Jber. Deutsch. Math.-Verein.* Jahresbericht der Deutschen Mathematiker-Vereinigung. (Stuttgart)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Formerly: *Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.*)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Nalchik) (Continued as: *Kabardino-Balkarsk. Gos. Univ. Učen. Zap.*)
- Kalinin. Gos. Ped. Inst. Učen. Zap.* Kalininskij Gosudarstvennyj Pedagogičeskij Institut im. M. I. Kalinina. Učenyi Zapiski. (Kalinin)
- Kaliningrad. Gos. Ped. Inst. Učen. Zap.* Kaliningradskij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Kaliningrad)
- Karachi Math. Assoc. Riazi (Souvenir).* Riazi. Souvenir of the Karachi Mathematics Association. (Karachi)
- Kazakh. Gos. Ped. Inst. Učen. Zap.* Kazahskij Gosudarstvennyj Pedagogičeskij Institut im. Abaja. Učenyi Zapiski. (Alma-Ata)
- Kazan. Gos. Univ. Učen. Zap.* Kazanskij Ordena Trudovogo Krasnogo Znameni Gosudarstvennyj Universitet im. V. I. Ul'janova-Lenina. Učenyi Zapiski. (Kazan)
- Keiei-Kagaku.* Keiei-Kagaku (Management Science). Japanese Operations Research Association. (Tokyo)
- Kemerov. Gos. Ped. Inst. Učen. Zap.* Kemerovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Kemerovo)
- Kexue Tongbao.* Chinese Academy of Science. Kexue Tongbao (Science Bulletin). (Peking)
- Kexue Tongbao (Foreign Lang. Ed.).* Academia Sinica. Kexue Tongbao (Science Bulletin) (Foreign Language Edition). (Peking)
- Kibernetika (Kiev).* Otdelenie Matematiki, Mehaniki i Kibernetiki Akademii Nauk Ukrainako SSR. Kibernetika. (Kiev) (Translated as: *Cybernetics*)
- Kirov. Gos. Ped. Inst. Učen. Zap.* Kirovskij Gosudarstvennyj Pedagogičeskij Institut imeni V. I. Lenina. Učenyi Zapiski. (Yoshkar-Ola)
- Kiŭnev. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovanija Moldavako SSR. Kiŭnevskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Kishinev)
- Knižnice Odborných a Vědeckých Spisů Vysokého Učení Technického v Brně.* Vysoké Učení Technické v Brně. (Brno)
- Kōdai Math. Sem. Rep.* Kōdai Mathematical Seminar Reports. (Tokyo)
- Kolomen. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěščenija RSFSR. Kolomenskij Pedagogičeskij Institut. Učenyi Zapiski. (Kolomna)
- Kostrom. Gos. Ped. Inst. Učen. Zap.* Kostromskij Gosudarstvennyj Pedagogičeskij Institut imeni N. A. Nekrasova. Učenyi Zapiski. (Jaroslavl)
- Krasnodar. Gos. Ped. Inst. Naučn. Trudy.* Krasnodarskij Gosudarstvennyj Pedagogičeskij Institut. Naučnye Trudy. (Krasnodar)

ABBREVIATIONS OF NAMES OF JOURNALS

- Kulbyšev. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvěšćenija RSFSR. Kulbyševskij Gosudarstvennyj Pedagogičeskij Institut imeni V. V. Kulbyševa. Učenyje Zapiski. (Kuybyšev)
- Kumamoto J. Sci. Ser. A.* Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). (Kumamoto)
- Kungl. Tekn. Högsk. Handl. Stockholm.* Kungl. Tekniska Högskolans Handlingar. Transactions of the Royal Institute of Technology, Stockholm, Sweden. (Stockholm)
- Kybernetika (Prague).* Kybernetika. (Prague)
- Kyungpook Math. J.* Kyungpook National University. Kyungpook Mathematical Journal. (Taegu)
- Labdev J. Sci. Tech.* Labdev. Journal of Science and Technology. (Kanpur)
- Latvijas PSR Zinātņu Akad. Vēstis.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Izvestija Akademii Nauk Latvijas SSR. (Riga)
- Latvijas PSR Zinātņu Akad. Vēstis Fiz. Tehn. Zinātņu Sēr.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Fizikas un Tehnisko Zinātņu Sērija. Izvestija Akademii Nauk Latvijas SSR. Sērija Fiziskih i Tehniskih Nauk. (Riga)
- Latvijas Valsts Univ. Zinātņu Raksti.* PSRS Augstākās Izglītības Ministrija. Pēters Stučka Latvijas Valsts Universitāte. Zinātniskie Raksti. Ministerstvo Vysshego Obrazovaniya. Latvijas Gosudarstvennyj Universitet im. Petra Stučki. Učenyje Zapiski. (Riga)
- Leninabad. Gos. Ped. Inst. Učen. Zap.* Leninabadskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Dushanbe)
- Leningrad. Gos. Ped. Inst. Učen. Zap.* Leningradskij Gosudarstvennyj Pedagogičeskij Institut im. A. I. Gercena. Učenyje Zapiski. (Leningrad)
- Leningrad. Gos. Univ. Učen. Zap. Ser. Mat. Nauk.* Leningradskij Gosudarstvennyj Ordena Lenina Universitet imeni A. A. Zdanova. Učenyje Zapiski. Sērija Matematičeskij Nauk. (Leningrad)
- Leningrad. Inž.-Ēkonom. Inst. Trudy.* Leningradskij Inženerno-Ēkonomičeskij Institut imeni Pal'miro Tol'jatti. Trudy. (Leningrad)
- Leningrad. Meh. Inst. Sb. Naučn. Trudov.* Leningradskij Mehaničeskij Institut. Sbornik Naučnyh Trudov (LMI). (Leningrad)
- Leningrad. Politehn. Inst. Trudy.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya RSFSR. Leningradskij Politehničeskij Institut im. M. I. Kalinina. Trudy LPI. (Leningrad)
- Let. Nuovo Cimento.* Lettere al Nuovo Cimento. Rivista Internazionale della Società Italiana di Fisica. (Bologna)
- Linear Algebra and Appl.* Linear Algebra and its Applications. (New York)
- Litovsk. Fiz. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštiosios Mokyklos. Lietuvos Fizikos Rinkiny. Akademijskaj Nauk Litovskos SSR. Vyššie Školy Litovskos SSR. Litovskij Fizičeskij Sbornik. (Vilnius)
- Litovsk. Mat. Sb.* Lietuvos TSR Mokslų Akademija. Lietuvos TSR Aukštiosios Mokyklos. Lietuvos Matematikos Rinkiny. Akademijskaj Nauk Litovskos SSR. Vyššie Učebnye Zavedenijs Litovskos SSR. Litovskij Matematičeskij Sbornik. (Vilnius)
- Logique et Analyse.* Logique et Analyse. (Louvain)
- L'vov. Politehn. Inst. Naučn. Zap. Ser. Fiz.-Mat.* MVO USSR. L'vovskij Politehničeskij Institut. Naučnye Zapiski. Sērija Fiziko-Matematičeskaja. (Lvov)
- Magnetohydrodynamics.* Magnetohydrodynamica. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Magnit. Gidrodinamika.* Akademijskaj Nauk Latvijas SSR. Magnitnaya Gidrodinamika. (Riga) (Translated as: *Magnetohydrodynamics*)
- Magyar Tud. Akad. Mat. Fiz. Ost. Kész.* A Magyar Tudományos Akadémia Matematikai és Fizikai Tudományok Osztályának Közleményei. (Budapest)
- Management Sci.* Management Science. Journal of the Institute of Management Science. (Philadelphia, Pa.)
- Manuscripta Math.* Manuscripta Mathematica. (Berlin)
- Mari. Gos. Ped. Inst. Učen. Zap.* Marijskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Ioshkar-Ola)
- Mat. Časopis Sloven. Akad. Vied.* Matematičeský Časopis Slovenskej Akadémie Vied. (Bratislava)
- Mat.-Fys. Medd. Danske Vid. Selsk.* Matematičeskije Meddelelser udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fys. Skr. Danske Vid. Selsk.* Matematičeskije Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat. Issled.* Akademijskaj Nauk Moldavskos SSR. Institut Matematiki s Vyčislitel'nym Centrom. Matematičeskije Issledovanijs. (Kishinov)
- Mat. Lapok.* Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)
- Mat. Sb.* Matematičeskij Sbornik. Novaja Sērija. (Moscow) (Translated as: *Math. USSR-Sb.*)
- Mat. Vesnik.* Društvo Matematičara, Fizičara i Astronoma SRS i Matematički Institut-Beograd. Matematički Vesnik. Nova Sērija. (Belgrade)
- Mat. Zametki.* Akademijskaj Nauk Sojuza SSR. Matematičeskije Zametki. (Moscow) (Translated as: *Math. Notes*)
- Matematiche (Catania).* Le Matematiche. (Catania)
- Math. Algorithms.* Massachusetts Institute of Technology. Mathematical Algorithms. (Cambridge, Mass.)
- Math. Ann.* Mathematische Annalen. (Berlin-Göttingen-Heidelberg)
- Math. Biosci.* Mathematical Biosciences: An International Journal. (New York)
- Math. Centrum Amsterdam Afd. Toegepaste Wisk.* Mathematisch Centrum Amsterdam. Afdeling Toegepaste Wiskunde. (Amsterdam)
- Math. Centrum Amsterdam Afd. Zuivere Wisk.* Mathematisch Centrum Amsterdam. Afdeling Zuivere Wiskunde. (Amsterdam)
- Math. Centrum Amsterdam Rekenafdeling.* Mathematisch Centrum Amsterdam. Rekenafdeling. (Amsterdam)
- Math. Comp.* Mathematics of Computation. (Washington, D.C.)
- Math. Gaz.* The Mathematical Gazette. (London)
- Math. J. Okayama Univ.* Mathematical Journal of Okayama University. (Okayama)
- Math. Japon.* Mathematica Japonicae. (Kobe)
- Math. Mag.* Mathematics Magazine. (Buffalo, N.Y.)
- Math. Nachr.* Mathematische Nachrichten. (Berlin)
- Math. Notas.* Mathematicae Notae. Boletín del Instituto de Matemática. (Rosario)
- Math. Notes.* Mathematical Notes of the Academy of Sciences of the USSR. (New York) (Translation of *Mat. Zametki*)
- Math.-Phys. Semesterber.* Mathematisch-Physikalische Semesterberichte. (Göttingen)
- Math. Reviews.* Mathematical Reviews. (Providence, R.I.) (Usually abbreviated as *MR* in the text of *Math. Reviews*)
- Math. Scand.* Mathematica Scandinavica. (Copenhagen)
- Math. Sci. Humaines.* Centre de Mathématique Sociale et de Statistique EPHE. Mathématiques et Sciences Humaines. (Paris)
- Math. Spect.* Mathematical Spectrum. (Oxford)
- Math. Student.* The Mathematics Student. (Madras)
- Math. Systems Theory.* Mathematical Systems Theory. (New York)
- Math. und Wirtschaft.* Mathematik und Wirtschaft. (Berlin)
- Math. USSR-Izv.* Mathematics of the USSR-Izvestija. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Math. USSR-Sb.* Mathematics of the USSR-Sbornik. (Providence, R.I.) (Translation of *Mat. Sb.*)
- Math. Z.* Mathematische Zeitschrift. (Berlin-Göttingen-Heidelberg)

ABBREVIATIONS OF NAMES OF JOURNALS

- Mathematica (Cluj)*. Societatea de Științe Matematice și Fizice din R.P.R. Filiala Cluj. *Mathematica*. (Cluj)
- Mathematika*. *Mathematika*. A Journal of Pure and Applied Mathematics. (London)
- Matriz Tensor Quart.* The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)
- Mech. Teoret. Stos.* Polskie Towarzystwo Mechaniki Teoretycznej i Stosowanej. *Mechanika Teoretyczna i Stosowana*. (Warsaw)
- Med. Konink. Vlaamse Acad. Wetensch. Lett. Schone Kunst. België Kl. Wetensch.* Modelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. Klasse der Wetenschappen. (Brussels)
- Medd. Lunds Univ. Mat. Sem.* Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund. (Lund)
- Melekeas. Gos. Ped. Inst. Učen. Zap.* Melekeskij Gosudarstvennyj Pedagogičeskij Institut. Učenyje Zapiski. (Melekeas)
- Mem. Amer. Math. Soc.* Memoirs of the American Mathematical Society. (Providence, R.I.)
- Mem. Defense Acad.* Memoirs of the Defense Academy (Mathematics, Physics, Chemistry and Engineering) (Yokosuka)
- Mem. Fac. Ci. Univ. Habana Ser. Mat.* Memorias de la Facultad de Ciencias. Universidad de la Habana. Serie Matemática. (Havana)
- Mem. Fac. Engrg. Hiroshima Univ.* Memoirs of the Faculty of Engineering. Hiroshima University. (Hiroshima)
- Mem. Fac. Engrg. Kyoto Univ.* Memoirs of the Faculty of Engineering. Kyoto University. (Kyoto)
- Mem. Fac. Engrg. Miyazaki Univ.* Memoirs of the Faculty of Engineering. Miyazaki University. (Miyazaki)
- Mem. Fac. Lit. Sci. Shimane Univ. Natur. Sci.* Memoirs of the Faculty of Literature and Science Shimane University Natural Sciences. (Matsue)
- Mem. Fac. Sci. Kyushu Univ. Ser. A.* Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka)
- Mem. Kitami Inst. Tech.* Memoirs of the Kitami Institute of Technology. (Kitami)
- Mem. Mat. Inst. "Jorge Juan".* Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)
- Mem. Muroran Inst. Tech.* Memoirs of the Muroran Institute of Technology. (Murooran)
- Mem. Osaka Gakugei Univ. B Natur. Sci.* Memoirs of Osaka Gakugei University B. Natural Sciences. (Osaka) (Continued as: *Mem. Osaka Kyoiku Univ. III Natur. Sci. Appl. Sci.*)
- Mem. Osaka Kyoiku Univ. III Natur. Sci. Appl. Sci.* Memoirs of Osaka Kyoiku University. III. Natural Science and Applied Science. (Osaka) (Formerly: *Mem. Osaka Gakugei Univ. B Natur. Sci.*)
- Mem. Real Acad. Ci. Art. Barcelona.* Memorias de la Real Academia de Ciencias y Artes de Barcelona. (Barcelona)
- Mem. Real Acad. Ci. Exact. Fis. Natur. Madrid.* Memorias de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. Serie de Ciencias Exactas. (Madrid)
- Mem. School Sci. Engrg. Waseda Univ. Tokyo.* Memoirs of the School of Science and Engineering. Waseda University, Tokyo. (Tokyo)
- Mem. Soc. Astronom. Ital.* Memorie della Società Astronomica Italiana. (Milan)
- Mém. Soc. Roy. Sci. Liège Coll. in-8°.* Mémoires de la Société Royale des Sciences de Liège. Collection in-8°. (Liège)
- Mémor. Sci. Math.* Mémorial des Sciences Mathématiques. (Paris)
- Mémor. Sci. Phys.* Mémorial des Sciences Physiques. (Paris)
- Metody Vyčisl. Leningradskij Ordena Lenina Gosudarstvennyj Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noj Matematiki i Vyčislitel'nyj Centr. Metody Vyčislenij.* (Leningrad)
- Metrika.* *Metrika*. (Würzburg)
- Metroecon.* *Metroeconomica*. *Rivista Internazionale di Economia*. (Bologna)
- Metron.* *Metron*. (Rome)
- Michigan Math. J.* The Michigan Mathematical Journal. (Ann Arbor, Mich.)
- Mind.* *Mind*. A Quarterly Review of Psychology and Philosophy. (Oxford, England)
- Mitt. Inst. Angew. Math. Zürich.* Mitteilungen aus dem Institut für angewandte Mathematik an der Eidgenössischen Technischen Hochschule in Zürich. (Zürich)
- Mitt. Math. Gesellsch. Hamburg.* Mitteilungen der mathematischen Gesellschaft in Hamburg. (Hamburg)
- Mitt. Math. Sem. Giessen.* Mitteilungen aus dem Mathematischen Seminar Giessen. (Giessen)
- Mitt. Verein. Schweiz. Versich.-Math.* Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaires Suisses. (Bern)
- Molecular Phys.* *Molecular Physics*. (London)
- Monatsb. Deutsch. Akad. Wiss. Berlin.* Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. (Berlin)
- Monatsh. Math.* Monatshefte für Mathematik. (Vienna)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Moskov. Gos. Ped. Inst. Učen. Zap.* Moskovskij Gosudarstvennyj Pedagogičeskij Institut im. V. I. Lenina. Učenyje Zapiski. (Moscow)
- Moskov. Gos. Univ. Soobšč. Gos. Astronom. Inst. Šternberg.* Moskovskij Gosudarstvennyj Universitet im. M. V. Lomonosova. Soobščeniya Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Trudy Gos. Astronom. Inst. Šternberg.* Moskovskij Gosudarstvennyj Universitet im. M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Šternberga. (Moscow)
- Moskov. Gos. Univ. Voprosy Meh.* Moskovskij Gosudarstvennyj Universitet. Voprosy Mekhaniki. (Moscow)
- Moskov. Inst. Inž. Železnodorož. Transporta Trudy.* Moskovskij Institut Inženerov Železnodorožnogo Transporta. Trudy. (Moscow)
- Moskov. Oblast. Ped. Inst. Učen. Zap.* Moskovskij Oblastnoj Pedagogičeskij Institut. Učenyje Zapiski. (Moscow)
- M.R.* *Mathematical Reviews*. (Providence, R.I.)
- Nachr. Akad. Wiss. Göttingen Math.-Phys. Kl. II.* Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-Physikalische Klasse. (Göttingen)
- Nagoya Math. J.* Nagoya Mathematical Journal. (Nagoya)
- Nanta Math.* Nanyang University. Nanta Mathematica. (Singapore)
- Nat. Bur. Standards Appl. Math. Ser.* National Bureau of Standards. Applied Mathematics Series. (Washington, D.C.)
- Natur. Sci. Rep. Ochanomizu Univ.* Natural Science Report of the Ochanomizu University. (Tokyo)
- Naval Res. Logist. Quart.* Naval Research Logistics Quarterly. (Washington, D.C.)
- Nederl. Akad. Wetensch. Indag. Math.* Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulus. Proceedings of the Section of Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Proc. Ser. A*)
- Nederl. Akad. Wetensch. Proc. Ser. A.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Indag. Math.*)
- Nederl. Akad. Wetensch. Proc. Ser. B.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)

ABBREVIATIONS OF NAMES OF JOURNALS

- Nederl. Akad. Wetensch. Verslag Afd. Natuurk.* Koninklijke Nederlandse Akademie van Wetenschappen. Verslag van de Gewone Vergadering van de Afdeling Natuurkunde. (Amsterdam)
- Nieuw Arch. Wisk.* Nieuw Archief voor Wiskunde. (Groningen)
- Nigerian J. Sci.* University of Ibadan. Nigerian Journal of Science. (Ibadan)
- Nordisk Mat. Tidsskr.* Nordisk Matematisk Tidsskrift. (Oslo)
- Nordisk Tidsskr. Informationsbehandling (BIT).* Nordisk Tidsskrift for Informationsbehandling. (Copenhagen)
- Norske Vid. Selsk. Forh. (Trondheim).* Det Kongelige Norske Videnskabers Selskabs Forhandlinger. (Trondheim)
- Norske Vid. Selsk. Skr. (Trondheim).* Det Kongelige Norske Videnskabers Selskabs Skrifter. (Trondheim)
- Notas Mat.* Notas de Matemática. (Rio de Janeiro)
- Notices Amer. Math. Soc.* Notices of the American Mathematical Society. (Providence, R.I.)
- Notre Dame J. Formal Logic.* Notre Dame Journal of Formal Logic. (Notre Dame, Ind.)
- Novgorod. Golovn. Gos. Ped. Inst. Učen. Zap.* Novgorodskii Golovnoi Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Novgorod)
- NTM Schr. Geschichte Naturwiss. Tech. Medizin.* NTM Schriftenreihe für Geschichte der Naturwissenschaften Technik und Medizin. (Leipzig)
- Numer. Math.* Numerische Mathematik. (Berlin-Göttingen-Heidelberg)
- Nuovo Cimento A.* Il Nuovo Cimento A. (Bologna)
- Nuovo Cimento B.* Il Nuovo Cimento B. (Bologna)
- Nuovo Cimento Suppl.* Supplemento al Nuovo Cimento. (Bologna)
- Obzornik Mat. Fiz.* Društvo Matematikov, Fizikov in Astronomov SRS. Obzornik za Matematiko in Fiziko. (Ljubljana)
- Odes. Gos. Univ. Naučn. Ežegodnik.* Ministerstvo Vyšnego i Srednego Special'nogo Obrazovanija USSR. Odeskii Gosudarstvennyi Universitet. Naučnyi Ežegodnik. (Odessa)
- Operations Res.* Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.) (Sometimes abbreviated as *OR* in *Math. Reviews*)
- Optica Acta.* Optica Acta. (London)
- Optimal. Planirovanie.* Optimal'noe Planirovanie. Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. (Novosibirsk)
- Orehovo-Zuev. Ped. Inst. Učen. Zap. Kaf. Mat.* Ministerstvo Prosveščeniya RSFSR. Orekhovo-Zuevskii Pedagogičeskii Institut. Učenyje Zapiski Kafedry Matematiki. (Moscow)
- Orenburg. Gos. Ped. Inst. Učen. Zap.* Orenburgskii Gosudarstvennyi Pedagogičeskii Institut im. V. P. Čkalova. Učenyje Zapiski. (Choljabinak)
- Orlov. Gos. Ped. Inst. Učen. Zap.* Orlovskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Orel)
- Osaka J. Math.* Osaka Journal of Mathematics. (Osaka)
- Österreich. Akad. Wiss. Math.-Natur. Kl. S.-B. II.* Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)
- P.A.* Science Abstracts. Physics Abstracts. (London)
- Pacific J. Math.* Pacific Journal of Mathematics. (Berkeley, Calif.)
- Panjab Univ. J. Math. (Lahore).* Panjab University Journal of Mathematics. (Lahore)
- Papers and Proc. Roy. Soc. Tasmania.* Papers and Proceedings of the Royal Society of Tasmania. (Hobart)
- Penz. Politehn. Inst. Učen. Zap. Mat. Meh.* Penzenskii Politehniceskii Institut. Matematika i Mehanika. Učenyje Zapiski. (Penza)
- Period. Mat.* Periodico di Matematiche. (Bologna)
- Perm. Gos. Univ. Učen. Zap.* Permskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenyje Zapiski. (Perm)
- Perm. Politehn. Inst. Sb. Naučn. Trudov.* Permskii Politehniceskii Institut. Sbornik Naučnyh Trudov. (Perm)
- Philos. Sci.* Philosophy of Science. (Baltimore, Md.)
- Philos. Trans. Roy. Soc. London Ser. A.* Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. (London)
- Phys. Fluids.* The Physics of Fluids. (New York)
- Phys. Norveg.* Physica Norvegica. (Oslo)
- Phys. Rev.* The Physical Review. (New York)
- Physics.* Physics. Physique. Fizika. (Long Island, N.Y.)
- Physics Abstracts.* Science Abstracts. Physics Abstracts. (London) (Usually abbreviated *PA* in the text of *Math. Reviews*)
- Physis.* Physis. Rivista Internazionale di Storia della Scienza. (Florence)
- Pi Mu Epsilon J.* Pi Mu Epsilon Journal. (Norman, Okla.)
- Pokroky Mat. Fyz. Astronom.* Jednota Československých Matematiků a Fyziku. Pokroky Matematiky, Fyziky a Astronomie. (Prague)
- Polaka Biblio. Analit. Mech.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polska Bibliografia Analityczna. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)
- Portugal. Math.* Portugaliae Mathematica. (Lisbon)
- Portugal. Phys.* Portugaliae Physica. (Lisbon)
- Prace Inst. Maszyn Przepływowych.* Prace Instytutu Maszyn Przepływowych. Transactions of the Institute of Fluid-Flow Machinery. (Warsaw)
- Prace Mat. Roczniki Polskiego Towarzystwa Matematycznego. Seria I. Prace Matematyczne.* (Warsaw)
- Prakt. Akad. Athénén.* Πρακτικά τῆς Ἀκαδημίας Ἀθηνῶν. (Athens)
- Praxis Math.* Praxis der Mathematik. (Vienna)
- Približ. Metod. Rešen. Differencial'. Uravnen.* Približennyye Metody Rešenija Differencial'nyh Uravnenij. (Kiev)
- Prikl. Mat. Meh.* Akademija Nauk SSSR. Otdelenie Tehničeskikh Nauk. Institut Mehaniki. Prikladnaja Matematika i Mehanika. (Moscow) (Translated as: *J. Appl. Math. Mech.*)
- Prikladna. Meh.* Akademija Nauk Ukrainakoï SSR. Otdelenie Matematiki, Mehaniki i Kibernetiki. Prikladnaja Mehanika. (Kiev) (Translated as: *Soviet Appl. Mech.*)
- Primenen. Mat. Ekonom.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra i Laboratorija Ekonomiko-Matematičeskikh Metodov. Primenenie Matematiki v Ekonomike. (Leningrad)
- Probleme der Kybernetik.* Probleme der Kybernetik. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission.* Problems of Information Transmission. (New York) (Translation of *Problemy Peredači Informacii*)
- Problemy Kibernet.* Problemy Kibernetiki. (Moscow) (Translated as: *Systems Theory Res.*)
- Problemy Mat. Anal. Slof. Sistem.* Voronežskii Gosudarstvennyi Universitet. Problemy Matematičeskogo Analiza Složnyh Sistem. (Voronezh)
- Problemy Peredači Informacii.* Akademija Nauk SSSR. Institut Problem Peredači Informacii Akademii Nauk SSSR. Problemy Peredači Informacii. (Moscow) (Translated as: *Problems of Information Transmission*)
- Proc. Amer. Math. Soc.* Proceedings of the American Mathematical Society. (Providence, R.I.)
- Proc. Cambridge Philos. Soc.* Proceedings of the Cambridge Philosophical Society. (Cambridge, England)

ABBREVIATIONS OF NAMES OF JOURNALS

- Proc. Edinburgh Math. Soc.* Proceedings of the Edinburgh Mathematical Society. (Edinburgh) (Contains *Proc. Edinburgh Math. Soc. Edinburgh Math. Notes*)
- Proc. Edinburgh Math. Soc. Edinburgh Math. Notes.* Proceedings of the Edinburgh Mathematical Society. Edinburgh Mathematical Notes. (Edinburgh) (Included in *Proc. Edinburgh Math. Soc.*)
- Proc. Fac. Sci. Tokai Univ.* Proceedings of the Faculty of Science of Tokai University. (Tokyo)
- Proc. Indian Acad. Sci. Sect. A.* Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)
- Proc. Inst. Statist. Math.* The Proceedings of the Institute of Statistical Mathematics. (Tokyo)
- Proc. Iowa Acad. Sci.* Proceedings of the Iowa Academy of Science. (Des Moines, Iowa)
- Proc. Japan Acad.* Proceedings of the Japan Academy. (Tokyo)
- Proc. London Math. Soc.* Proceedings of the London Mathematical Society. (London)
- Proc. Math. Phys. Soc. U.A.R. (Egypt).* Proceedings of the Mathematical and Physical Society of U.A.R. (Egypt). (Cairo)
- Proc. Nat. Acad. Sci. India Sect. A.* Proceedings of the National Academy of Sciences, India. Section—A. (Allahabad)
- Proc. Nat. Acad. Sci. U.S.A.* Proceedings of the National Academy of Sciences of the United States of America. (Washington, D.C.)
- Proc. Nat. Inst. Sci. India Part A.* Proceedings of the National Institute of Sciences of India. Part A. Physical Sciences. (New Delhi)
- Proc. Pakistan Statist. Assoc.* Proceedings of the Pakistan Statistical Association. (Lahore)
- Proc. Rajasthan Acad. Sci.* The Proceedings of the Rajasthan Academy of Sciences. (Pilani)
- Proc. Roy. Irish Acad. Sect. A.* Proceedings of the Royal Irish Academy. Section A. (Dublin)
- Proc. Roy. Soc. Edinburgh Sect. A.* Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences). (Edinburgh)
- Proc. Roy. Soc. Ser. A.* Proceedings of the Royal Society. Series A. Mathematical and Physical Sciences. (London)
- Proc. Steklov Inst. Math.* Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Proc. Vibration Problems.* Polish Academy of Sciences. Institute of Basic Technical Problems. Proceedings of Vibration Problems. (Warsaw)
- Proc. West Virginia Acad. Sci.* West Virginia University Bulletin. West Virginia Academy of Science. Proceedings. (Morgantown, W. Va.)
- Progr. Math.* See *Shuzue Jinzhan.*
- Progr. Math. (Allahabad).* Academy for Progress of Mathematics of the University of Allahabad. Progress of Mathematics. (Allahabad)
- Progr. Theoret. Phys.* Progress of Theoretical Physics. (Kyoto)
- Przegląd Statyst.* Sekcja Statystyki Polskiego Towarzystwa Ekonomicznego. Przegląd Statystyczny. (Warsaw)
- Pskov. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap.* Ministerstvo Prosveshcheniya RSFSR. Pskovskii Pedagogicheskii Institut. Fiziko-Matematicheskii Fakul'tet. Uchenye Zapiski. (Pskov)
- Psychometrika.* Psychometrika. A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N.C.)
- Publ. Centro Estudos Mat. Porto.* Publicações do Centro de Estudos Matemáticos do Porto. (Porto, Portugal)
- Publ. Dép. Math. (Lyon).* Publications du Département de Mathématiques. Faculté des Sciences de Lyon. (Lyon)
- Publ. Dept. Math. (Ljubljana).* University of Ljubljana. Institute of Mathematics, Physics and Mechanics. Publications of the Department of Mathematics. (Ljubljana)
- Publ. Inst. Math. (Beograd).* Institut Mathématique. Publications de l'Institut Mathématique. Nouvelle Série. (Belgrade)
- Publ. Inst. Statist. Univ. Paris.* Publications de l'Institut de Statistique de l'Université de Paris. (Paris)
- Publ. Math. Debrecen.* Publicationes Mathematicae. (Debrecen)
- Publ. Res. Inst. Math. Sci. Ser. A.* Publications of the Research Institute for Mathematical Sciences. Series A. (Kyoto)
- Publ. Res. Inst. Math. Sci. Ser. B.* Publications of the Research Institute for Mathematical Sciences. Series B. (Kyoto)
- Publ. Sémin. Géom. Univ. Neuchâtel.* Publications du Séminaire de Géométrie de l'Université de Neuchâtel. (Neuchâtel)
- Quart. Appl. Math.* Quarterly of Applied Mathematics. (Providence, R.I.)
- Quart. J. Math. Oxford Ser.* The Quarterly Journal of Mathematics, Oxford Second Series. (Oxford)
- Quart. J. Mech. Appl. Math.* The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)
- Quart. Rev. Sci. Publ.* Polish Academy of Sciences. Distribution Centre for Scientific Publications. Quarterly Review of Scientific Publications. (Warsaw)
- RAAG Res. Notes.* RAAG Research Notes. (Tokyo)
- Rad Jugoslav. Akad. Znan. Umjet.* Rad Jugoslavenake Akademije Znanosti i Umjetnosti. (Zagreb)
- Radio Engrg. Electron. Phys.* Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Radio Sci.* Radio Science. (Washington, D.C.)
- Radiotekhn. (Har'kov).* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Radiotekhnika. (Kharkov)
- Radiotekhn. i Elektron.* Akademija Nauk SSSR. Radiotekhnika i Elektronika. (Moscow) (Translated as: *Radio Engrg. Electron. Phys.*)
- Rajasthan Univ. Studies Statist.* Rajasthan University Studies in Statistics (Science Series). (Rajasthan)
- Ratio.* Ratio. (Oxford)
- Recherche Aérospat.* La Recherche Aérospatiale. (Châtillon) (Formerly: *Rech. Aéro.*)
- Rend. Accad. Sci. Fis. Mat. Napoli.* Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche. (Naples)
- Rend. Circ. Mat. Palermo.* Rendiconti del Circolo Matematico di Palermo. (Palermo)
- Rend. Ist. Statist. Ser. A.* Rendiconti dell'Istituto di Statistica. Serie A. (Milan)
- Rend. Mat.* Rendiconti di Matematica. Università degli Studi di Roma. Istituto Matematica Guido Castelnuovo. Istituto di Matematica Applicata. Istituto Nazionale di Alta Matematica. (Rome) (Formerly: *Rend. Mat. e Appl.*)
- Rend. Mat. e Appl.* Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni. (Rome) (Continued as: *Rend. Mat.*)
- Rend. Sem. Fac. Sci. Univ. Cagliari.* Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari. (Cagliari)
- Rend. Sem. Mat. Fis. Milano.* Rendiconti del Seminario Matematico e Fisico di Milano. (Milan)
- Rend. Sem. Mat. Univ. Padova.* Rendiconti del Seminario Matematico dell'Università di Padova. (Padua)
- Rep. Fac. Sci. Kagoshima Univ.* Reports of the Faculty of Science of Kagoshima University. (Kagoshima) (Formerly: *Sci. Rep. Kagoshima Univ.*)

- Rep. Fac. Sci. Shizuoka Univ.* Shizuoka University. Faculty of Science. Reports of the Faculty of Science. Shizuoka University. (Shizuoka)
- Rep. Inst. Sci. Tech. Univ. Tokyo.* The Reports of the Institute of Science and Technology, University of Tokyo. (Tokyo)
- Rep. Res. Inst. Strength and Fracture of Materials. Tohoku Univ.* Reports of the Research Institute for Strength and Fracture of Materials. Tohoku University. (Sendai)
- Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs.* Reports of Statistical Application Research, Union of Japanese Scientists and Engineers. (Tokyo)
- Repúb. Venezuela Bol. Acad. Ci. Fis. Mat. Natur.* República de Venezuela. Boletín de la Academia de Ciencias Físicas, Matemáticas y Naturales. (Caracas)
- Res. Bull. Fac. Ed. Oita Univ.* The Research Bulletin of the Faculty of Education. Oita University. (Oita)
- Res. Rep. Anan Tech. College.* Research Reports of the Anan Technical College. (Anan)
- Res. Rep. Nagaoka Tech. College.* Research Reports of the Nagaoka Technical College. (Nagaoka)
- Res. Rep. Tokyo Electrical Engrg. College.* Research Reports of Tokyo Electrical Engineering College. (Tokyo)
- Rev. Acad. Ci. Madrid.* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. (Madrid)
- Rev. Acad. Ci. Zaragoza.* Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza. (Zaragoza)
- Rev. CETHEDEC.* Revue du Centre d'Études Théoriques de la Détection et des Communications. (Paris)
- Rev. Ci. (Lima).* Revista de Ciencias. (Lima)
- Rev. Colombiana Mat.* Revista Colombiana de Matemáticas. (Bogotá) (Formerly: *Rev. Mat. Elem.*)
- Rev. Fac. Ci. Univ. Coimbra.* Revista de Faculdade de Ciências da Universidade de Coimbra. (Coimbra)
- Rev. Française Informat. Recherche Opérationnelle.* Association Française d'Informatique et de Recherche Opérationnelle. Revue Française d'Informatique et de Recherche Opérationnelle. (Paris)
- Rev. Française Traitement Information Chiffres.* Revue Française de Traitement de l'Information. Chiffres. (Paris)
- Rev. Histoire Sci. Appl.* Revue d'Histoire des Sciences et de leurs Applications. (Paris)
- Rev. Inst. Internat. Statist.* Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague)
- Rev. Mat. Elem.* Revista de Matemáticas Elementales. (Bogotá) (Continued as: *Rev. Colombiana Mat.*)
- Rev. Mat. Hisp.-Amer.* Revista Matemática Hispano-Americana. (Madrid)
- Rev. Mexicana Fis.* Revista Mexicana de Física. (Mexico City)
- Rev. Modern Phys.* Reviews of Modern Physics. (New York)
- Rev. Roumaine Math. Pures Appl.* Académie de la République Populaire Roumaine. Revue Roumaine de Mathématiques Pures et Appliquées. (Bucharest)
- Rev. Roumains Sci. Tech. Sér. Méc. Appl.* Revue Roumaine des Sciences Techniques. Série de Mécanique Appliquée. (Bucharest)
- Rev. Un. Mat. Argentina.* Revista de la Unión Matemática Argentina. (Buenos Aires)
- Rice Univ. Studies.* Rice University Studies. (Houston, Tex.)
- Ricerca (Napoli).* La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)
- Ricerca Mat.* Ricerca di Matematica. (Naples)
- Rigas Politehn. Inst. Zinātn. Raksti.* Rīgas Politehniskais Institūts. Rīzskā Politehniskā Institūta. Učenye Zapiski. Rīgas Politehniskais Institūts Zinātniskie Raksti. (Riga)
- Riv. Mat. Univ. Parma.* Rivista di Matematica della Università di Parma. (Parma)
- Riv. Nuovo Cimento.* Rivista del Nuovo Cimento. (Bologna)
- Rīzsk. Inst. Inž. Graždan. Aviacii.* Rīzskā Institūta Inženieru Graždanu Aviacii imeni Leninskogo Komsomola. (Riga)
- Rjzansk. Gos. Ped. Inst. Učen. Zap.* Rjzanskā Gosudarstvennā Pedagogičeskā Institūta. Učenye Zapiski. (Ryazan)
- Rostov-na-Donu Gos. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap.* Rostovskā na-Donu Gosudarstvennā Pedagogičeskā Institūta. Fiziko-Matematičeskā Fakul'tet. Učenye Zapiski. (Rostov-on-Don)
- Rozprawy Československé Akad. Věd. Řada Mat. Přírod. Věd.* Rozprawy Československé Akademie Věd. Řada Matematických a Přírodních Věd. (Prague)
- Rozprawy Inst. Polaka Akademii Nauk.* Instytut Podstawowych Problemów Techniki. Rozprawy Inżynierskie. (Warsaw)
- Russian Math. Surveys.* Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- RŽAvtomat. Telemekh. i Vychisl. Tehn.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Avtomatika, Telemekhanika i Vychislitel'naja Tehnika. (Moscow)
- RŽFiz.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Fizika. (Moscow)
- RŽKibernet.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Kibernetika. (Moscow)
- RŽMat.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Matematika. (Moscow)
- RŽMeh.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Mekhanika. (Moscow)
- Sakharth. SSR Mecn. Akad. Gamotshv. Centr. Šrom.* Sakharthvelos SSR Mecnierebatha Akademii Gamotshviliti Centris Šromebi. (Tbilisi) (Formerly listed as: *Trudy Vychisl. Centra Akad. Nauk Gruzin. SSR*)
- Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.* Sakharthvelos SSR Mecnierebatha Akademii A. Razmadzia Sahelobis Tbilisis Matematikis Institutis. Šromebi. (Tbilisi) (Formerly listed as: *Akad. Nauk Gruzin. SSR Trudy Tbilisis. Mat. Inst. Razmadze*)
- Sakharth. SSR Mecn. Akad. Moambe.* Sakharthvelos SSR Mecnierebatha Akademii Moambe. (Tbilisi) (Formerly listed as: *Soobšč. Akad. Nauk Gruzin. SSR*)
- Sankhyā Ser. A.* Sankhyā (Statistics). The Indian Journal of Statistics. Series A. (Calcutta)
- Sankhyā Ser. B.* Sankhyā (Statistics). The Indian Journal of Statistics. Series B. (Calcutta)
- S.-B. Berlin. Math. Ges.* Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)
- S.-B. Heidelberger Akad. Wiss. Math.-Natur. Kl.* Sitzungsberichte der Heidelberger Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)
- S.-B. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Sitzungsberichte der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-naturwissenschaftliche Klasse. (Berlin)
- Sb. Prací Vys. Školy Doprav. v Žilíně a Výzkum. Ústav. Doprav. v Praze.* Sborník Prací Vysoké Školy Dopravní v Žilíně a Výzkumného Ústavu Dopravního v Praze. (Prague)
- Sb. Prací Ped. Fak. v Ostravě Ser. A 1.* Sborník Prací Pedagogické Fakulty v Ostravě. Series A 1. (Ostrava)
- Sb. Voj. Akad. (Brno).* Sborník Vojenské Akademie Antonína Zápotockého. (Brno)
- Sb. Vysoké. Učení Tech. Brno.* Sborník Vysokého Učení Technického v Brně. (Brno)
- Schr. Math. Inst. Univ. Münster.* Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster)
- Sci. Abstracts China Sect. Math. Phys. Sci.* Institute of Scientific and Technical Information of China. Science Abstracts of China. Mathematical and Physical Sciences. (Peking)

ABBREVIATIONS OF NAMES OF JOURNALS

- Sci. Papers College Gen. Ed. Univ. Tokyo.* Scientific Papers of the College of General Education. University of Tokyo. (Tokyo)
- Sci. Rep. College Gen. Ed. Osaka Univ.* Science Reports. College of General Education. Osaka University. (Osaka, Japan)
- Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.* Science Reports of the Faculty of Education. Gifu University. (Natural Science). (Gifu)
- Sci. Rep. Hirosaki Univ.* Science Reports of the Hirosaki University. (Hirosaki)
- Sci. Rep. Kagoshima Univ.* Science Reports of the Kagoshima University. (Kagoshima) (Continued as: *Rep. Fac. Sci. Kagoshima Univ.*)
- Sci. Rep. Kanazawa Univ.* The Science Reports of the Kanazawa University. (Kanazawa)
- Sci. Rep. Niigata Univ. Ser. A.* Science Reports of Niigata University. Series A (Mathematics). (Niigata)
- Sci. Rep. Res. Inst. Theoret. Phys. Hiroshima Univ.* Scientific Reports of the Research Institute for Theoretical Physics, Hiroshima University. (Hiroshima)
- Sci. Rep. Saitama Univ. Ser. A.* The Science Reports of the Saitama University. Series A. Mathematics, Physics and Chemistry. (Urawa)
- Sci. Rep. Tokyo Kyoiku Daigaku Sect. A.* Science Reports of the Tokyo Kyoiku Daigaku (Tokyo University of Education). Section A. (Tokyo)
- Sci. Rep. Yokohama Nat. Univ. Sect. I.* Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)
- Sci. Sinica.* Scientia Sinica. (Peking)
- Scientia (Valparaiso).* Universidad Técnica Federico Santa María. Scientia. (Valparaiso)
- Scripta Math.* Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)
- Sem. Math. V. A. Steklov Math. Inst. Leningrad.* Seminars in Mathematics V. A. Steklov Mathematical Institute Leningrad. (New York) (Translation of *Zap. Nauch. Sem. Leningrad. Otdel. Mat. Inst. Steklov.* (LOMI))
- Shengzue Xuebao.* See *Acta Acust. Sinica.*
- Shuzue Jinzhan.* Chinese Mathematical Society. Academia Sinica. Shuxue Jinzhan (Progress in Mathematics). (Peking)
- SIAM J. Appl. Math.* SIAM Journal on Applied Mathematics. (Philadelphia, Pa.)
- SIAM J. Control.* SIAM Journal on Control. (Philadelphia, Pa.)
- SIAM J. Numer. Anal.* SIAM Journal on Numerical Analysis. (Philadelphia, Pa.)
- SIAM Rev.* SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- Siberian Math. J.* Siberian Mathematical Journal. (New York) (Translation of *Sibirsk. Mat. Zh.*)
- Sibirsk. Mat. Zh.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Sibirskii Matematicheskii Zhurnal. (Moscow) (Translated as: *Siberian Math. J.*)
- Simon Stevin.* Simon Stevin. Wis- en Natuurkundig Tijdschrift. (Groningen-Djakarta)
- Skand. Aktuarietidskr.* Skandinavisk Aktuarietidskrift. (Uppsala)
- Smolensk. Gos. Ped. Inst. Učen. Zap.* Smolenskii Gosudarstvennyi Pedagogicheskii Institut. Uchenye Zapiski. (Smolensk)
- Soc. Actuar. Trans.* Society of Actuaries. Transactions. (Chicago, Ill.)
- Soc. Parana. Mat. Anuário.* Anuário da Sociedade Paranaense de Matemática. (Curitiba)
- Soc. Sci. Fenn. Comment. Phys.-Math.* Societas Scientiarum Fennica. Commentationes Physico-Mathematicae. (Helsinki)
- Soobsh. Akad. Nauk Gruzin. SSR.* Soobsheniya Akademii Nauk Gruzinskoi SSR. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Moambe.*
- Soobsh. Vytsisl. Mat. Akademija Nauk SSSR.* Vytsislitel'nyi Centr. Soobsheniya po Vytsislitel'noi Matematike. (Moscow)
- Soviet Appl. Mech.* Soviet Applied Mechanics. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* Soviet Astronomy. AJ. (A translation of *Astronomicheskii Zhurnal*, the astronomical journal of the Academy of Sciences of the USSR.) (New York) (Translation of *Astronomicheskii Zhurnal*)
- Soviet J. Nuclear Phys.* American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* Soviet Physics. Acoustics. (A translation of *Akusticheskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Zh.*)
- Soviet Physics Dokl.* Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics J.* Soviet Physics Journal. (New York) (Translation of *Izv. Vys. Ucheb. Zaved. Fizika*)
- Soviet Physics JETP.* Soviet Physics. JETP. (A translation of *Z. Eksperimental'noi i Teoreticheskoi Fiziki* of the USSR). (New York) (Translation of *Z. Eksper. Teoret. Fiz.*)
- Soviet Radiophys.* Soviet Radiophysics. (A translation of the *Izvestiya Vyskh Uchebnykh Zavedenii Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vys. Ucheb. Zaved. Radiofizika*)
- Spisy Ped. Fak. v Ostravě.* Spisy Pedagogické Fakulty v Ostravě. (Ostrava)
- Spisy PFrod. Fak. Univ. Brno.* Spisy Přírodovědecké Fakulty University v Brně. Trudy Estestvenno-Istoricheskogo Fakul'teta Universiteta v g. Brno. Publications de la Faculté des Sciences de l'Université à Brno. (Brno)
- Statist. Theory Method Abstracts.* Statistical Theory and Method Abstracts. (London)
- Statistica (Bologna).* Statistica. (Bologna)
- Statistica Neerlandica.* Statistica Neerlandica. Organ van de Vereniging voor Statistiek. (The Hague)
- Stroje na Zpracování Informací.* Československá Akademie Věd. Vyzkumný Ústav Matematických Strojů. Research Institute of Mathematical Machines. Iseledovatel'skii Institut Matematicheskikh Mašin. Stroje na Zpracování Informací. (Prague)
- Stud. Cerc. Mat.* Studii și Cercetări Matematice. (Bucharest)
- Stud. Cerc. Mec. Apl.* Studii și Cercetări de Mecanică Aplicată. (Bucharest)
- Studia Logica.* Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)
- Studia Math.* Polska Akademia Nauk. Studia Mathematica. (Warsaw)
- Studia Sci. Math. Hungar.* Consilium Instituti Mathematici Academiae Scientiarum Hungaricae. Studia Scientiarum Mathematicarum Hungarica. (Budapest)
- Studia Univ. Babeş-Bolyai Ser. Math.-Phys.* Studia Universitatis Babeş-Bolyai. Series Mathematica-Physica. (Cluj)
- Studies in Appl. Math.* Studies in Applied Mathematics. (Cambridge, Mass.) (Formerly: *J. Math. and Phys.*)
- Sûgaku.* Mathematical Society of Japan. Sûgaku (Mathematics). (Tokyo)
- Su-hak kwa Mul-li.* Academy of Science of the People's Democratic Republic of Korea. Research Center for Physics and Mathematics. Su-hak kwa Mul-li (Mathematics and Physics). (Pyongyang)

ABBREVIATIONS OF NAMES OF JOURNALS

- Summa Brasil. Math.* Summa Brasiliensis Mathematicae. (Rio de Janeiro)
- Sverdlovsk. Gos. Ped. Inst. Učen. Zap.* Sverdlovskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Sverdlovsk)
- Systems Theory Res.* Systems Theory Research. (New York) (Translation of *Problemy Kibernet.*)
- Tadlik. Gos. Univ. Učen. Zap.* Tadlikskii Gosudarstvennyi Universitet im. V. I. Lenina. Učenyje Zapiski. Trudy Fiziko-Matematičeskogo Fakul'teta. Serija Matematičeskaja. (Dushanbe)
- Tadlik. S.-h. Inst. Trudy.* Tadlikskii Sel'skhozjaistvennyi Institut i Tadlikskii Gosudarstvennyi Universitet. Trudy. (Dushanbe)
- Tallin. Politehn. Inst. Toimetised Seer. A.* Tallinna Politehnilise Instituudi Toimetised Seeria A. (Tallin)
- Tamkang J.* Tamkang Journal. (Tamkang)
- Tartu Riikl. Ül. Toimetised.* Tartu Riikliku Ülikooli Toimetised. Učenyje Zapiski Tartuskogo Gosudarstvennogo Universiteta. Matematika-Loodusteaduskonna Töid. Trudy Estestvenno-Matematičeskogo Fakul'teta. (Tartu)
- Tashkent. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya Uzbekakoī SSR. Taškentskii Gosudarstvennyi Pedagogičeskii Institut im. Nizami. Učenyje Zapiski. (Tashkent)
- Tashkent. Gos. Univ. Naučn. Trudy.* Taškentskii Gosudarstvennyi Universitet. Naučnyje Trudy. (Tashkent)
- Tashkent. Politehn. Inst. Naučn. Trudy.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya. Taškentskii Politehnicheskii Institut. Naučnyje Trudy. Novaja Serija. (Tashkent)
- Tashkent. Tekstil. Inst. Kaf. Vysš. Mat. Sb. Naučn.-Issled. Rabot Ser. Mat.* Taškentskii Tekstil'nyi Institut. Kafedra Vysšei Matematiki. Sbornik Naučno-Issledovatel'skikh Rabot. Serija Matematiki. (Tashkent)
- Tbilis. Gos. Univ. Trudy Ser. Fiz. Nauk.* Tbilisskii Gosudarstvennyi Universitet. Trudy. Serija Fizičeskikh Nauk. (Tbilisi) See *Tbilis. Sahelmc. Univ. Šrom. Fiz. Mecn. Ser.*
- Tbilis. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk.* Tbilisskii Gosudarstvennyi Universitet. Trudy. Serija Mehaniko-Matematičeskikh Nauk. (Tbilisi) See *Tbilis. Sahelmc. Univ. Šrom. Mekh.-Math. Mecn. Ser.*
- Tech. Mitt. Krupp.* Technische Mitteilungen Krupp. (Essen)
- Tech. Rep. Osaka Univ.* Technology Reports of the Osaka University. (Osaka)
- Technometrics.* Technometrics. A Journal of Statistics for the Physical, Chemical and Engineering Sciences. (Princeton, N.J.)
- Tellus.* Svenska Geofysiska Föreningen. Tellus. A Quarterly Journal of Geophysics. (Uppsala)
- Tensor.* Tensor. New Series. The Tensor Society. (Tokyo)
- Teor. Funkcii Funkcional. Anal. i Prilozhen.* Har'kovskii Ordena Trudovogo Krasnogo Znamenii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Teoriya Funktsii, Funktsional'nyi Analiz i ih Prilozheniya. (Kharkov)
- Teor. Veroyatnost. i Primenen.* Akademija Nauk SSSR. Teoriya Veroyatnostei i ee Primeneniya. (Moscow) (Translated as: *Theor. Probability Appl.*)
- Teoret. Elektrotehn.* L'vovskii Gosudarstvennyi Universitet. Teoreticheskaja Elektrotehnika. (Lvov)
- Teoret. Prikl. Mat.* MVSSO URSR L'vivskii Ordena Lenina Derzavnii Universitet imeni Iv. Franka. Teoretična i Prikladna Matematika. (Lvov)
- Thalès.* Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris. (Paris)
- Tbilis. Sahelmc. Univ. Šrom. Mekh.-Math. Mecn. Ser.* Tbilisskii Sahelmcipho Universiteti. Šromebi. Mekhanika-Matematikiš Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Meh.-Mat. Nauk*)
- Tbilis. Sahelmc. Univ. Šrom. Fiz. Mecn. Ser.* Tbilisskii Sahelmcipho Universiteti. Šromebi. Fizikiš Mecnierebatha Seria. (Tbilisi) (Formerly listed as: *Tbilis. Gos. Univ. Trudy Ser. Fiz. Nauk*)
- Theor. Probability Appl.* Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Theoria.* Theoria. A Swedish Journal of Philosophy. (Lund)
- Tiraspol. Gos. Ped. Inst. Učen. Zap.* Tiraspol'skii Gosudarstvennyi Pedagogičeskii Institut im. T. G. Ševčenko. Učenyje Zapiski. (Kishinev)
- Tjumen. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosveščeniya RSFSR. Tjumenskii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Tyumen)
- Tōhoku Math. J.* The Tōhoku Mathematical Journal. (Sendai)
- Tomsk. Gos. Univ. Učen. Zap.* Tomskii Gosudarstvennyi Universitet im. V. V. Kuibysheva. Učenyje Zapiski. (Tomsk)
- Topology.* Topology. An International Journal of Mathematics. (Oxford)
- Trabajos Estadist.* Trabajos de Estadística. (Madrid)
- Trans. Amer. Math. Soc.* Transactions of the American Mathematical Society. (Providence, R.I.)
- Trans. ASME Ser. E. J. Appl. Mech.* Transactions of the ASME. Series E. Journal of Applied Mechanics. (New York)
- Trans. Moscow Math. Soc.* Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)
- Trans. New York Acad. Sci.* Transactions of the New York Academy of Sciences. (New York)
- Trans. Roy. Soc. South Africa.* Transactions of the Royal Society of South Africa. (Cape Town)
- Transportation Sci.* Operations Research Society of America. Transportation Science Section. Transportation Science. (Baltimore, Md.)
- TRU Math.* TRU Mathematics. (Tokyo)
- Trudy Akad. Nauk Litov. SSR Ser. B.* Lietuvos TSR Mokslų Akademijos. Darbai. Serija B. Akademii Nauk Litovskoi SSR. Trudy. Serija B. (Vilnius)
- Trudy Fiz. Inst. Lebedev.* Akademija Nauk SSSR. Trudy Fizičeskogo Instituta im. P. N. Lebedeva. (Moscow)
- Trudy Geometr. Sem.* Akademija Nauk SSSR. Institut Naučnoi Informacii. VINITI. Trudy Geometričeskogo Seminara. (Moscow)
- Trudy Inst. Istor. Estestvoznán. Tehn.* Akademija Nauk SSSR. Trudy Instituta Istorii Estestvoznaniya i Tehniki. (Moscow)
- Trudy Kazan. Aviacion. Inst.* Trudy Kazanskogo Aviacionnogo Instituta. Matematika i Mehanika. (Kazan)
- Trudy Leningrad. Tehn. Inst. Trudy Kafedr Meh. Fak.* Ministerstvo Vysshego Obrazovaniya SSSR. Trudy Leningradskogo Tehnologičeskogo Instituta imeni Lensovetá. Trudy Kafedr Mehanicheskogo Fakul'teta. (Leningrad)
- Trudy Mat. Inst. Steklov.* Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Trudy Matematičeskogo Instituta im. V. A. Steklova. (Moscow-Leningrad) (Translated as: *Proc. Steklov Inst. Math.*)
- Trudy Moskov. Mat. Obšč.* Trudy Moskovskogo Matematičeskogo Obščestva. (Moscow) (Translated as: *Trans. Moscow Math. Soc.*)
- Trudy Moskov. Orden. Lenin. Energet. Inst.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya RSFSR. Trudy Moskovskogo Ordena Lenina Energetičeskogo Instituta. (Moscow)
- Trudy Naučn. Ob'ed. Prepodav. Fiz.-Mat. Fak. Ped. Inst. Dal'n. Vostok.* Ministerstvo Prosveščeniya RSFSR. Habarovskii Gosudarstvennyi Pedagogičeskii Institut. Trudy Naučnogo Ob'edineniya Prepodavatelei Fiziko-matematičeskikh Fakul'tetov Pedagogičeskikh Institutov Dal'nogo Vostoka. (Khabarovsk)
- Trudy Samarkand. Gos. Univ. Mat.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya UzSSR. Trudy Samarkandakogo Gosudarstvennogo Universiteta im. A. Navoi. Matematika. (Samarkand)

ABBREVIATIONS OF NAMES OF JOURNALS

- Trudy Sem. Kraev. Zadačam.* Trudy Seminara po Kraevym Zadačam. (Kazan') (Formerly: *Trudy Sem. Obratn. Kraev. Zadačam*)
- Trudy Sem. Obratn. Kraev. Zadačam.* Trudy Seminara po Obratnym Kraevym Zadačam. (Kazan) (Continued as: *Trudy Sem. Kraev. Zadačam*)
- Trudy Sem. Teor. Differencial. Uravneni s Otklon. Argumentom Univ. Družby Narodov Patrisa Lumumby.* Trudy Seminara po Teorii Differencial'nyh Uravneni s Otklonjajusčimaja Argumentom. Universitet Družby Narodov imeni Patrisa Lumumby. (Moscow)
- Trudy Sem. Vektor. Tensor. Anal.* Trudy Seminara po Vektornomu i Tenzornomu Analizu s ih Priloženijami k Geometrii, Mehanike i Fizike. (Moscow)
- Trudy Sibirek. Fiz.-Tehn. Inst.* Trudy Sibirskogo Fiziko-Tekhnicheskogo Instituta imeni Akademika V. D. Kuznecova. (Tomsk)
- Trudy Tashkent. Gos. Univ.* Trudy Tashkentakogo Gosudarstvennogo Universiteta im. V. I. Lenina. Matematika. (Tashkent) See *Tashkent. Gos. Univ. Nauchn. Trudy.*
- Trudy Tomsk. Gos. Univ. Ser. Meh.-Mat.* Trudy Tomskogo Gosudarstvennogo Universiteta im. V. V. Kulbyševa. Seriya Mehaniko-Matematičeskaja. (Tomsk)
- Trudy Univ. Družby Narod.* Trudy Universiteta Družby Narodov imeni Patrisa Lumumby. (Moscow)
- Trudy Vsesojuz. Zaočn. Energet. Inst.* Trudy Vsesojuznogo Zaočnogo Energetičeskogo Instituta. (Moscow)
- Trudy Vyčisl. Centra Akad. Nauk Armjan. SSR i Erevan. Gos. Univ.* Trudy Vyčislitel'nogo Centra Akademii Nauk Armjanskoi SSR i Erevanskogo Gosudarstvennogo Universiteta. (Erevan)
- Trudy Vyčisl. Centra Akad. Nauk Gruzin. SSR.* Akademija Nauk Gruzinskoi SSR. Trudy Vyčislitel'nogo Centra. (Tbilisi) See *Sakharth. SSR Mecn. Akad. Gamotvcl. Centr. Šrom.*
- Trudy Vyčisl. Centra Tartu. Gos. Univ.* Trudy Vyčislitel'nogo Centra. Tartuskii Gosudarstvennyi Universitet. (Tartu)
- Turkmen. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovaniya TSSR. Turkmeniskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenyje Zapiski. (Ashkhabad)
- U.S.S.R. Comput. Math. and Math. Phys.* U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Ž. Vyčisl. Mat. i Mat. Fiz.*)
- Überblicke Math.* Überblickte Mathematik. (Mannheim)
- Učen. Zap. Borisoglebsk. Gos. Ped. Inst.* Ministerstvo Prosvetšeniya RSFSR. Učenyje Zapiski. Borisoglebskogo Gosudarstvennogo Pedagogičeskogo Instituta. (Borisoglebsk)
- Učen. Zap. Karel. Ped. Inst. Ser. Fiz.-Mat. Nauk.* Ministerstvo Prosvetšeniya RSFSR. Karel'skii Pedagogičeskii Institut. Učenyje Zapiski. Seriya Fiziko-Matematičeskikh Nauk. (Petrozavodsk)
- Ukrain. Fiz. Ž.* Akademija Nauk Ukrain'skoi RSR. Viddil Fiziki. Ukrain'skii Fizičnii Žurnal. (Kiev) (Ukrainian edition)
- Ukrain. Fiz. Ž.* Akademija Nauk Ukrain'skoi SSR. Otdelenie Fiziki. Ukrain'skii Fizičeskii Žurnal. (Kiev) (Russian edition)
- Ukrain. Geometr. Sb.* Ministerstvo Vyšnego i Srednego Special'nogo Obrazovaniya USSR. Ukrain'skii Geometričeskii Sbornik. (Kharkov)
- Ukrain. Mat. Ž.* Akademija Nauk Ukrain'skoi SSR. Institut Matematiki. Ukrain'skii Matematičeskii Žurnal. (Kiev) (Translated as: *Ukrainian Math. J.*)
- Ukrainian Math. J.* Ukrainian Mathematical Journal. (Translation of *Ukrain. Mat. Ž.*) (New York)
- Ul'janovsk. Gos. Ped. Inst. Učen. Zap.* Ul'janovskii Gosudarstvennyi Pedagogičeskii Institut imeni I. N. Ul'janova. Učenyje Zapiski. (Saratov)
- Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat. Fiz.* Universitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Seriya Matematika i Fizika. (Belgrade)
- Univ. Buenos Aires Contrib. Ci. Ser. Mat.* Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Contribuciones Científicas. Serie Matemática. (Buenos Aires)
- Univ. Central Venezuela Bol. Fac. Ing.* Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)
- Univ. e Politec. Torino Rend. Sem. Mat.* Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica"). (Turin)
- Univ. Genova Pubbl. Ist. Mat.* Università di Genova Pubblicazioni dell'Istituto di Matematica. (Genova)
- Univ. Lisboa Revista Fac. Ci. A.* Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas. (Lisbon)
- Univ. Madrid Publ. Sec. Mat. Fac. Ci.* Universidad de Madrid. Publicaciones de la Sección de Matemática de la Facultad de Ciencias. (Madrid)
- Univ. Nac. Ingen. Inst. Mat. Puras Apl. Notas Mat.* Universidad Nacional de Ingeniería. Instituto de Matemáticas Puras y Aplicadas. Notas de Matemáticas. (Lima)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Segunda Rev. (or Contrib.)* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones). (La Plata)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Serie Tercera Publ. Esp.* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales. (La Plata)
- Univ. Nac. Tucumán Rev. Ser. A.* Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Tucumán)
- Univ. Repúb. Fac. Ingen. Agrimens. Montevideo Publ. Inst. Mat. Estadist.* Universidad de la República. Facultad de Ingeniería y Agrimensura. Montevideo-Uruguay. Publicaciones del Instituto de Matemática y Estadística. (Montevideo)
- Univ. Roorkee Res. J.* University of Roorkee. Research Journal. (Roorkee)
- Univ. Adama Mickiewicza w Poznan. Prace Wydz. Mat. Fiz. Chem. Ser. Mat.* Uniwersytet im. Adama Mickiewicza w Poznaniu. Prace Wydziału Matematyki, Fizyki i Chemii. Seria Matematyka. (Poznań)
- Unternehmensforschung.* Unternehmensforschung. Operations Research—Recherche Opérationnelle. (Würzburg)
- Ural. Gos. Univ. Mat. Zap.* Ministerstvo Vyšnego i Srednego Special'nogo Obrazovaniya RSFSR. Ural'skii Gosudarstvennyi Universitet im. A. M. Gor'kogo. Ural'skoe Matematičeskoe Obščestvo. Matematičeskije Zapiski. (Sverdlovsk)
- Ural. Politehn. Inst. Sb.* Ministerstvo Prosvetšeniya RSFSR. Ural'skii Politehničeskii Institut im. S. M. Kirova. Sbornik. (Sverdlovsk)
- Uspehi Mat. Nauk.* Akademija Nauk SSSR i Moskovskoe Matematičeskoe Obščestvo. Uspehi Matematičeskikh Nauk. (Moscow-Leningrad) (Selected articles translated as: *Russian Math. Surveys*)
- Užgorod. Gos. Univ. Nauchn. Zap. MVO USSR.* Užgorodskii Gosudarstvennyi Universitet. Naučnyje Zapiski. (Lvov)
- V. I. Lenin. Sakharth. Politekh. Inst. Šrom.* V. I. Leninis Sağelobis Šromis Citheli Drošis Ordenosani Sakharthvelos Politehnikuri Institut. Šromebi. (Tbilisi) (Formerly listed as: *Gruzin. Politehn. Inst. Trudy*)
- Vesci Akad. Navuk BSSR Ser. Fiz.-Mat. Navuk.* Vesci Akademii Navuk BSSR. Seriya Fizika-matematyčnyh Navuk. (Minsk)
- Vesci Akad. Navuk BSSR Ser. Fiz.-Tehn. Navuk.* Vesci Akademii Navuk BSSR. Seriya Fizika-Tekhnichnyh Navuk. (Minsk)
- Vestnik Akad. Nauk Kazah. SSR.* Vestnik Akademii Nauk Kazahskoi SSR. (Alma-Ata)
- Vestnik Har'kov. Gos. Univ.* Ministerstvo Vyšnego i Srednego Special'nogo Obrazovaniya USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Seriya Mehaniko-Matematičeskaja. Zapiski Mehaniko-Matematičeskogo Fakulteta i Har'kovskogo Matematičeskogo Obščestva. (Kharkov)

ABBREVIATIONS OF NAMES OF JOURNALS

- Vestnik Leningrad. Univ.* Vestnik Leningradskogo Universiteta. (Leningrad)
- Vestnik L'vov. Politehn. Inst.* Ministerstvo Vysshego i Srednego Special'nogo Obrazovaniya USSR. Vestnik L'vovskogo Politehnicheskogo Instituta. (Lvov)
- Vestnik Moskov. Univ. Ser. I Mat. Meh.* Vestnik Moskovskogo Universiteta. Seriya I. Matematika, Mekhanika. (Moscow)
- Vestnik Moskov. Univ. Ser. III Fiz. Astronom.* Vestnik Moskovskogo Universiteta. Seriya III. Fizika, Astronomiya. (Moscow) (Translated as: *Moscow Univ. Bull. Ser. III Phys. Astronom.*)
- Vidya.* Vidya (Knowledge). The Journal of the Gujarat University. (Ahmedabad)
- Vierteljahr. Naturforsch. Ges. Zürich.* Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. (Zürich)
- Vijnana Parishad Anusandhan Patrika.* Vijnana Parishad Anusandhan Patrika [The Research Journal of the Hindi Science Academy]. (Allahabad)
- Visnik K'iev. Univ.* Visnik K'ievskogo Universitetu. (Kiev)
- Visnik L'viv. Derž. Univ. Ser. Meh.-Mat.* Ministerstvo Višoi i Srednoi Special'noi Osviti USSR. Visnik L'vivskogo Ordena Lenina Deržavnogo Universitetu im. Ivana Franka. Seriya Mehaniko-Matematična. (Lvov)
- Vologod. i Čerepovec. Gos. Ped. Inst. Učen. Zap.* Vologodskii Gosudarstvennyi Pedagogičeskii Institut. Čerepoveckii Gosudarstvennyi Pedagogičeskii Institut. Učenyje Zapiski. (Vologda)
- Volž. Mat. Sb.* Ministerstvo Prosveščeniya RSFSR. Kuibyševskii Gosudarstvennyi Pedagogičeskii Institut imeni V. V. Kuibyševa. Volžskii Matematičeskii Sbornik. (Kuibyšev)
- Voprosy Istor. Estestvozn. i Tehn.* Akademija Nauk SSSR. Voprosy Istorii Estestvoznaniya i Tehniki. (Moscow)
- Voprosy Kibernet. Vyčisl. Mat.* Akademija Nauk Uzbekoi SSR. Institut Kibernetiki s Vyčislitel'nym Centrom. Voprosy Kibernetiki i Vyčislitel'noi Matematiki. (Tashkent) (Formerly: *Voprosy Vyčisl. Mat. Tehn.*)
- Voprosy Kosmog.* Akademija Nauk SSSR. Voprosy Kosmogonii. (Moscow)
- Voprosy Vyčisl. Mat. Tehn.* Akademija Nauk Uzbekoi SSR. Institut Mehaniki i Vyčislitel'nyi Centr. Voprosy Vyčislitel'noi Matematiki i Tehniki. (Tashkent) (Continued as: *Voprosy Kibernet. Vyčisl. Mat.*)
- Vyčisl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Kafedra Vyčislitel'noi Matematiki. Vyčislitel'naja Matematika. (Kiev) (Continued as: *Vyčisl. Prikl. Mat. (Kiev)*)
- Vyčisl. Prikl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Motvedomstvennyi Naučnyi Sbornik. Vyčislitel'naja i Prikladnaja Matematika. (Kiev) (Formerly: *Vyčisl. Mat. (Kiev)*)
- Vyčisl. Sistemy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Vyčislitel'nye Sistemy. Sbornik Trudov. (Novosibirsk)
- Vyčisl. Tehn. Voprosy Program.* Leningradskii Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Zdanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Vyčislitel'naja Tehnika i Voprosy Programirovaniya. (Leningrad)
- Wiadom. Mat.* Roczniki Polskiego Towarzystwa Matematycznego. Ser. II. Wiadomości Matematyczne. (Warsaw)
- Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe. (Greifswald)
- Wiss. Z. Friedrich-Schiller-Univ. Jena/Thüringen.* Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena/Thüringen. (Jena/Thüringen)
- Wiss. Z. Hochsch. Verkehrswesen "Friedrich List" Dresden.* Wissenschaftliche Zeitschrift der Hochschule für Verkehrswesen "Friedrich List" in Dresden. Die Anwendung mathematischer Methoden im Transport- und Nachrichtenwesen. (Dresden)
- Wiss. Z. Humboldt-Univ. Berlin Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe. (Berlin)
- Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe. (Leipzig)
- Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe. (Halle-Wittenberg)
- Wiss. Z. Pädagog. Hochsch. Potsdam Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe. (Potsdam)
- Wiss. Z. Techn. Hochsch. Chem. Leuna-Merseburg.* Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie Leuna-Merseburg. (Leuna-Merseburg)
- Wiss. Z. Techn. Hochsch. Ilmenau.* Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau. (Ilmenau)
- Wiss. Z. Techn. Univ. Dresden.* Wissenschaftliche Zeitschrift der Technischen Universität Dresden. (Dresden)
- Wyższ. Szkoła Ped. Krakow. Rocznik Nauk.-Dydakt. Prace Mat.* Wyższa Szkoła Pedagogiczna w Krakowie. Rocznik Naukowo-Dydaktyczny. Prace Matematyczne. (Cracow)
- Yokohama Math. J.* Yokohama Mathematical Journal. (Yokohama)
- Z. Angew. Math. Mech.* Zeitschrift für Angewandte Mathematik und Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten. (Berlin)
- Z. Angew. Math. Phys.* Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physiques Appliquées. (Basel)
- Z. Eksp. Teoret. Fiz.* Akademija Nauk SSSR. Žurnal Ėksperimental'noi i Teoreticheskoi Fiziki. (Moscow) (Translated as: *Soviet Physics JETP*)
- Z. Math. Logik Grundlagen Math.* Zeitschrift für Mathematische Logik und Grundlagen der Mathematik. (Berlin)
- Z. Naturforsch.* Zeitschrift für Naturforschung. (Tübingen)
- Z. Phonetik Sprachwiss. Kommunikat.* Zeitschrift für Phonetik Sprachwissenschaft und Kommunikationsforschung. (Berlin)
- Z. Physik.* Zeitschrift für Physik. (Berlin-Göttingen-Heidelberg)
- Ž. Prikl. Meh. i Tehn. Fiz.* Žurnal Prikladnoi Mehaniki i Tehničeskoi Fiziki. (Moscow) (Translated as: *J. Appl. Mech. Tech. Phys.*)
- Ž. Vyčisl. Mat. i Mat. Fiz.* Akademija Nauk SSSR. Žurnal Vyčislitel'noi Matematiki i Matematičeskoi Fiziki. (Moscow) (Translated as: *U.S.S.R. Comput. Math. and Math. Phys.*)
- Z. Wahrscheinlichkeitstheorie und Verw. Gebiete.* Zeitschrift für Wahrscheinlichkeitstheorie und Verwandte Gebiete. (Berlin)
- Zap. Meh.-Mat. Fak. i Har'kov. Mat. Obšč. Gos. Univ.* See *Vestnik Har'kov. Gos. Univ.*
- Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI).* Zapiski Naučnyh Seminarov Leningradskogo Otdelenija Matematičeskogo Instituta im. V. A. Steklova Akademii Nauk SSSR (LOMI). (Moscow) (Translated as: *Sem. Math. V. A. Steklov Math. Inst. Leningrad*)
- Zastos. Mat. Polska Akademia Nauk. Instytut Matematyczny.* Zastosowania Matematyki. (Warsaw)
- Zbl. Zentralblatt für Mathematik und ihre Grenzgebiete.* (Berlin-Göttingen-Heidelberg)
- Zbl. Math.* Zentralblatt für Mathematik und ihre Grenzgebiete (Berlin-Göttingen-Heidelberg) (Usually abbreviated *Zbl* in the text of *Math. Reviews*)
- Zeszyty Nauk. Mat. Fiz. i Chem. Wyt. Szkoł. Ped. Gdańsk.* Zeszyty Naukowe Matematyka Fizyka i Chemia. Wyższa Szkoła Pedagogiczna w Gdańsku. Wydział Matematyki, Fizyki i Chemii. (Gdańsk)

ABBREVIATIONS OF NAMES OF JOURNALS

Zeszyty Nauk. Politech. Poznań. Zeszyty Naukowe Politechniki Poznańskiej. (Poznań)

Zeszyty Nauk. Politech. Szczecin. Zeszyty Naukowe Politechniki Szczecińskiej. (Szczecin)

Zeszyty Nauk. Politech. Warszawsk. Mat. Politechnika Warszawska. Instytut Matematyki. Zeszyty Naukowe. Matematyka i jej Zastosowanie. (Warsaw)

Zeszyty Nauk. Univ. Jagiello. Prace Fiz. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Fizyczne. (Kraków)

Zeszyty Nauk. Univ. Jagiello. Prace Mat. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Matematyczne. (Matematyka, Fizyka, Chemia) (Kraków)

Zeszyty Nauk. Univ. Jagiello. Prace z Logiki. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace z Logiki. (Cracow)

Zeszyty Nauk. Univ. Łódź. Nauki Mat. Przyrod. Ser. II. Zeszyty Naukowe Uniwersytetu Łódzkiego. Nauki Matematyczno Przyrodnicze. Seria II. (Łódź)

Zhongguo Kexue Jishu Daxue Xuebao. (Peking) See J. China Univ. Sci. Techn.

JOURNALS IN TRANSLATION

- Acta Mech. Sinica* (New York). *Acta Mechanica Sinica*. (New York) (Translation of *Acta Mech. Sinica* (Peking))
- Astrophysics*. *Astrophysics*. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Automat. Remote Control*. *Automation and Remote Control*. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemekh.*)
- Chinese J. Phys.* (Peking) *Chinese Journal of Physics* (Peking). (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.—Acta*. *Chinese Mathematics*. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cybernetics*. *Cybernetics*. (New York) (A translation of *Kibernetika* (Kiev))
- Differential Equations*. *Differential Equations*. (New York) (Translation of *Differentsial'nyye Uravneniya*)
- Engng. Cybernetics*. *Engineering Cybernetics*. English Edition of *Tekhnicheskaya Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Functional Anal. Appl.* *Functional Analysis and its Applications*. (New York) (Translation of *Funktsional. Anal. i Prilozhen.*)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* *Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth*. *Izvestiya Academy of Sciences USSR. Physics of the Solid Earth*. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- J. Appl. Math. Mech.* *Journal of Applied Mathematics and Mechanics*. (Translation of the Soviet journal *Prikladnaya Matematika i Mekhanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Mech. Tech. Phys.* *Journal of Applied Mechanics and Technical Physics*. (Translation of *Zh. Prikl. Meh. i Tehn. Fiz.*) (New York)
- Magnetohydrodynamics*. *Magnetohydrodynamics*. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Math. Notes*. *Mathematical Notes of the Academy of Sciences of the USSR*. (New York) (Translation of *Mat. Zametki*)
- Math. USSR-Izv.* *Mathematics of the USSR-Izvestiya*. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Math. USSR-Sb.* *Mathematics of the USSR-Sbornik*. (Providence, R.I.) (Translation of *Mat. Sb.*)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* *Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy*. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Probleme der Kybernetik*. *Probleme der Kybernetik*. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission*. *Problems of Information Transmission*. (New York) (Translation of *Problemy Peredachi Informatsii*)
- Proc. Steklov Inst. Math.* *Proceedings of the Steklov Institute of Mathematics*. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Radio Engng. Electron. Phys.* *Radio Engineering and Electronic Physics*. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Russian Math. Surveys*. *Russian Mathematical Surveys*. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- Sem. Math. V. A. Steklov Math. Inst. Leningrad*. *Seminars in Mathematics V. A. Steklov Mathematical Institute Leningrad*. (New York) (Translation of *Zap. Nauch. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI)*)
- Siberian Math. J.* *Siberian Mathematical Journal*. (New York) (Translation of *Sibirsk. Mat. Z.*)
- Soviet Appl. Mech.* *Soviet Applied Mechanics*. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* *Soviet Astronomy. AJ.* (A translation of *Astronomicheskii Zhurnal*, the astronomical journal of the Academy of Sciences of the USSR). (New York) (Translation of *Astronomicheskii Zhurnal*)
- Soviet J. Nuclear Phys.* *American Institute of Physics. Soviet Journal of Nuclear Physics*. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* *Soviet Mathematics. Doklady*. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* *Soviet Physics. Acoustics*. (A translation of *Akusticheskii Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Zh.*)
- Soviet Physics Dokl.* *Soviet Physics. Doklady*. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics J.* *Soviet Physics Journal*. (New York) (Translation of *Izv. Vysš. Uchebn. Zaved. Fizika*)
- Soviet Physics JETP*. *Soviet Physics. JETP*. (A translation of *Zh. Eksperimental'noi i Teoreticheskoi Fiziki* of the USSR). (New York) (Translation of *Zh. Eksper. Teoret. Fiz.*)
- Soviet Radiophys.* *Soviet Radiophysics*. (A translation of the *Izvestiya Vysših Uchebnykh Zavedenii Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Uchebn. Zaved. Radiofizika*)
- Systems Theory Res.* *Systems Theory Research*. (New York) (Translation of *Problemy Kibernet.*)
- Theor. Probability Appl.* *Theory of Probability and its Applications*. (An English translation of the Soviet journal *Teoriya Veroyatnostei i ee Primeneniya*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Trans. Moscow Math. Soc.* *Transactions of the Moscow Mathematical Society*. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obsh.*)
- U.S.S.R. Comput. Math. and Math. Phys.* *U.S.S.R. Computational Mathematics and Mathematical Physics*. (Oxford) (Translation of *Zh. Vychisl. Mat. i Mat. Fiz.*)
- Ukrainian Math. J.* *Ukrainian Mathematical Journal*. (New York) (Translation of *Ukrain. Mat. Zh.*)

ERRATA AND ADDENDA

VOLUME 1

p. 141: Hille, Einar

In the second line replace " $h_n(z) = \exp(-\frac{1}{2}z^2)$ ", by " $h_n(z) = \exp(-\frac{1}{2}z^2) \cdot H_n(z) =$ ", and in the third line delete " $H_n(z)$ ".

VOLUME 20

#5801: Alexandroff, P. S.

The last sentence should be modified to read: "The original Russian edition was published by Učpedgiz, Moscow, 1938."

VOLUME 21

#2104: Horváth, J.

After the author's name add "[Horváth, John]".

#6510: Horváth, J.

After the author's name add "[Horváth, John]".

Index for Volume 21

On page 1480 create a new entry for John Horváth and transfer to it items 2104 and 6510 previously attributed to János I. Horváth.

VOLUME 23

#A1502: Katětov, Miroslav; Novák, Josef; Čech, Alois

In the heading, replace Alois Čech by Alois Švec. The correct paging is 61-88.

Index for Volume 23

On page 822 delete the entry for A. Čech. On page 840, column 3, item A1502, replace Alois Čech by Alois Švec in the heading.

VOLUME 27

#1693: Horváth, J.

After the author's name add "[Horváth, John]".

Index for Volume 27

On page 1313 change J. Horváth to John Horváth.

#4059: Horváth, J.

After the author's name add "[Horváth, John]".

VOLUME 29

#6156: Kružkov, S. N.; Kupcov, L. P.

In the second line from the bottom, the reference attributed to the reviewer should be attributed to James Serrin.

VOLUME 30

#3585: Eršov, A. P.; Kožukin, G. I.; Voložins, J. M.

Kožukin, G. I. should read Kožuhin, G. I.

Index for Volume 30

On page 1128 the entry for G. I. Kozhukhin should read: "See Kožuhin, G. I." In the same column the entry for G. I. Kožukin should read G. I. Kožuhin.

VOLUME 31

#6148: Jaglom, I. M.

This work is in three parts, the first two of which constitute volume 1. There is no third volume.

VOLUME 32

#8390: Marušin, M. H.

In the author's name replace "H." by "N."

Index for Volume 32

On page 1661 change M. H. Marušin to M. N. Marušin.

VOLUME 33

#1991: Aramanovič, I. G.; Lunc, G. L.

Ėl'sgol'c, L. Ė. should be added to the list of authors.

#7774: Carleson, Lennart

In the first two paragraphs replace "o" by "o" wherever it occurs.

Index for Volume 33

On page 1450 change the entry for I. G. Aramanovič to read "(with Lunc, G. L. and Ėl'sgol'c, L. Ė.)". On page 1473, under Ėl'sgol'c, L. Ė. add the following: "1991: (with Aramanovič, I. G. and Lunc, G. L.) ★ Functions of a complex variable. Operational calculus. Theory of stability." On page 1512, in the entry for G. L. Lunc, change item 1991 to read "(with Aramanovič, I. G. and Ėl'sgol'c, L. Ė.)".

VOLUME 34

#2026: Sharma, Banwari Lal

The second reference should be attributed to L. Siebenmann.

#2526: Wójcik, J.

The hypotheses given in the review should be changed as follows: in lines 3-4 replace "the same minimal splitting field" by "arbitrarily chosen roots of f and g generate the same normal field".

#3925-3930: Taylor, J. G.

The six articles with MR numbers 3925-3930 comprised an entire issue of the journal: Table of contents,

pp. 857-858; Introduction, pp. 859-861; Text, pp. 862-1032; Summary and further problems, pp. 1033-1036.

#6569: Dubinskii, Ju. A.; Pohažev, S. I.

The correct spelling of the second author's name is S. I. Pohožev.

Index for Volume 34

On page 1650, in the entry for Ju. A. Dubinskii correct the spelling of Pohažev to Pohožev. On page 1713 correct the spelling of S. I. Pohažev to S. I. Pohožev.

VOLUME 35

#6103: Dubrovīn, A. O.

The correct date of the first reference is 1961.

VOLUME 36

#178: Grothendieck, A.

In the heading, the date of publication should be 1966.

#755: Grässer, H. S. P.

In the heading, after "Pretoria, 1967" insert "88 pp."

#2752: Mukhopadhyay, S. N.

The reviewer wishes to add the following remarks: "The counter-example to the author's result which was conjectured by the reviewer was given by J. Marcinkiewicz [Bull. Sémin. Math. Univ. Wilno 1 (1938), 19-34, Collected Papers, Warsaw, 1964]. This information and another counter-example were sent to the reviewer by G. Piranian."

#5190: Ulmer, Friedrich

The reviewer regrets that an overhasty reading of a

letter from John R. Isbell led him to overstate Isbell's claims as given in a note added to that review. The reviewer would like to add to that note the following remarks: (1) Isbell's claims were intended to apply only to the parts of the paper on relative adjoints (although Ulmer himself points out the intimate connection between Isbell's "adequate subcategory" and his own "dense functor"). (2) Isbell has no claim on the concept or existence of free right complete categories. (3) Ulmer includes a reference to Isbell's work. (4) Ulmer's paper was originally submitted to the editor in June or July of 1966 while Isbell's paper only appeared in the July 1966 issue of Bull. Amer. Math. Soc.

#5696: Grossman, Marvin W.

Delete the last sentence of the review.

VOLUME 37

#133: Church, C. A., Jr.; Gould, H. W.

The reference to the 1901 edition of E. Netto, *Lehrbuch der Combinatorik* should be deleted. The relevant result of Skolem is found only in the 1927 edition published by Teubner, Leipzig, and in the cited reprint by Chelsea.

#721: Lifšic, E. A.

In the last line, after "D. Wexler", insert the reference "[J. Differential Equations 3 (1967), 236-247; MR 34 #7922]".

#949: Morucci, Bernard

At the end of the last sentence, after the word "violated" insert "and so the moment of order $2k$ cannot be finite".

#1262: Gould, H. W.

In line 3, "partitions" should be replaced by "combinations".

#1609: Rahman, Q. I.; Khan, M. A.

After "Khan, M. A." insert "[Ali Khan, Mohd.]".

#2901: Loh, Hooi-tang

The author's name is spelled Hooi-tong Loh.

#3026: Venugopal Rao, V.

In the heading, replace the name in brackets by "Rao, N. Venkateswara".

#3027: Venugopal Rao, V.

In the heading, replace the name in brackets by "Rao, N. Venkateswara".

#3461: Decuyper, Marcel

The reference in line 9 should be replaced by "Lucien Godeaux [Acad. Roy. Belg. Bull. Cl. Sci. (5) 52 (1966), 167-170; MR 33 #7946]".

#4018: Leutbecher, Armin

The first four words of the last sentence should be replaced by the following: "Daß die Einheiten von $Q(\sqrt{5})$ Spitzen sind".

#4252: Schober, Glenn

The formula displayed in line 7 should read:

$$\lim_{b \rightarrow 0} \int_0^b |\zeta_n'(t \pm u) - \zeta_n'(t)| u^{-1} du = 0.$$

#4560: Nicolae, Popa

The author's first name and surname were interchanged. The correct form is Nicolae Popa.

#5274: Aleksandrov, P. S.

The first edition of the Russian original appeared in 1938 [Učpedgiz, Moscow, 1938]. The 1951 edition is the second edition.

#5350: Papangelou, F.

In the last sentence replace $\mu_s' \mathcal{S}$ by μ_s .

#5366: Golodec, V. Ja.

The review printed under this heading is actually a review of an article by M. R. Tetruašvili [Sakharth. SSR Mecn. Akad. Moambe 47 (1967), 519-524; MR 37 #5707] and conversely. The two reviews should be interchanged.

#5699: Grossman, Marvin W.

Replace "The author proves that if E satisfies Edwards' approximation hypothesis, then each x in X has a unique representing measure μ_x concentrated on the Choquet boundary of X relative to E ." with "The author proves that if E satisfies Edwards' approximation hypothesis and each x in X has a unique representing measure concentrated on the Choquet boundary (in a certain sense), then for each closed subset A of the Choquet boundary of X relative to E and each y in $\text{conv } A$ with y weakly E -between x and z in X , x and z are in $\text{conv } A$. (In particular, $\text{conv } A$ is an E -extreme subset of X .)"

#5707: Tetruašvili, M. R.

The review printed under this heading is actually a review of an article by V. Ja. Golodec [Dokl. Akad. Nauk SSSR 178 (1968), 771-773; MR 37 #5366] and conversely. The two reviews should be interchanged.

#5924: Dellacherie, Claude

The statement of the theorem in the last five lines should be replaced by the following: "If G is an almost Borel subset of a second countable, locally compact topological space E , X_t a Markov process with values in E , and if almost every sample function of X_t meets G for only a denumerable set of values of t , then G is semi-polar."

#5936: Cairoli, R.

This review implied that the article presented no new results. In fact, there are new results concerning separately excessive functions with respect to a product of two transition semigroups, as well as new proofs of old results (see R. Cairoli, Publ. Inst. Statist. Univ. Paris 15 (1966), 311-384; MR 35 #7397).

The reviewer regrets any inconvenience that may have been caused by the above errata (#5924 and #5936).

#6925: Haq, Muhammad Rashidul

In the heading, remove the name in brackets.

Index for Volume 37

On page 1340 create a new entry: "Ali Khan, Mohd. 1609: (with Rahman, Q. I.) Function of exponential type belonging to L^p on the real line." On page 1367 under V. Ja. Golodec, delete item 5366 and transfer it to M. R. Tetruašvili on page 1428. On page 1371 interchange the items listed under Muhammad Rashidul Haq and Md. Rashidul Haque. On page 1381, after Khan, M. A. replace item 1609 with "See Ali Khan, Mohd." On page 1391 change the spelling of Hooi-tang Loh to Hooi-tong Loh. On page 1402 delete the entry

VOLUME 37 *cont.*

for Popa Nicolae and transfer to a new entry on page 1408 under Nicolae Popa. On page 1410 under the entries for Rahman, Q. I. change 1609 to read (*with* Ali Khan, Mohd.). On page 1428 under M. R. Tetruašvili,

delete item 5707 and transfer it to V. Ja. Golodec on page 1367. On page 1433 delete items 3026 and 3027 from V. Venugopal Rao and transfer them to a new entry Rao, N. Venkateswara.

VOLUME 38

#201: Schue, John R.

The reviewer noted too late that the result 3.14 is incompatible with results of Block. As a result of communication with the author, he suggests the following correction to his review:

"The assertion of 3.14 (Levi's theorem for Type 1 algebras) is false. Theorem 5 and the Corollary to Theorem 9 must be modified to assert only the existence of a subalgebra which, modulo its radical, is the simple 3-dimensional algebra. Some small modifications in the proof of Theorem 9 have been made by the author to replace his use of 3.14."

#238: Simon, Hermann

The last word of the review should be "partition" rather than "position".

#396: Mizohata, Sigeru

On page 75, line 2 from the bottom, replace "Schwartz" by "Schwarz".

#426: Rubiński, L.; Enikeeva, È. H.

After the name of the second author add "[Jenikejeva, E.]".

#1155: Černikov, S. N.

After the author's name add "[Černikov, S. M.]".

#1431: Singh, N.

After the author's name add "[Singh, Niranjan]".

#1629: Robinson, J.; Zund, J. D.

After the name of the first author add "[Robinson, Joanna R.]".

#2681: Haq, Muhammed Rashidul

After the author's name add "[Haque, Md. Rashidul]".

#3054: Blaquièrre, Augustin; Bonnemay, Alain; Gérard, Françoise

In the first line, replace "Berkovitz" by the following reference: "L. D. Berkovitz [*Advances in game theory*, pp. 127-174, Princeton Univ. Press, Princeton, N.J. 1964; MR 29 #1075]".

#4530: Goldman, Oscar; Sah, Chih-han

In the first paragraph replace "(c) the socle of A is dense" by "(c) the socle of Γ is dense".

#5342: Richter, Hans

The first reference should be replaced by the following one: Z. Wahrscheinlichkeitstheorie und Verw. Gebiete 2 (1963), 22-32; MR 31 #4126.

TRANSLITERATION OF CYRILLIC

Russian Letter Cap. Ital.	Mathematical Reviews; Zentralblatt für Mathematik	Bulletin Signalétique	Applied Mechanics Reviews	Science Abstracts	U.S. Library of Congress	Amer. Slavic & E. European Review	Journal of Symbolic Logic
А а	a	a	a	a	a	a	a
Б б	b	b	b	b	b	b	b
В в	v	v	v	v	v	v	v
Г г	g	g	g	g	g	g	g
Д д	d	d	d	d	d	d	d
Е е	e	e	e	e	e	e	e
Ё ё	ë	ë	ë	ë	ë	ë	ë
Ж ж	zh	zh	zh	zh	zh	zh	zh
З з	z	z	z	z	z	z	z
И и	i	i	i	i	i	i	i
Й й	j	j	j	j	j	j	j
К к	k	k	k	k	k	k	k
Л л	l	l	l	l	l	l	l
М м	m	m	m	m	m	m	m
Н н	n	n	n	n	n	n	n
О о	o	o	o	o	o	o	o
П п	p	p	p	p	p	p	p
Р р	r	r	r	r	r	r	r
С с	s	s	s	s	s	s	s
Т т	t	t	t	t	t	t	t
У у	u	u	u	u	u	u	u
Ф ф	f	f	f	f	f	f	f
Х х	h	kh	kh	kh	kh	kh	h
Ц ц	c	c	ts	ts	ts	c	c
Ч ч	ch	ch	ch	ch	ch	ch	ch
Ш ш	sh	sh	sh	sh	sh	sh	sh
Щ щ	sch	sch	shch	shch	sch	sch	sch
Ъ ъ	˘	˘	˘	˘	˘	˘	˘
Ы ы	y	y	y	y	y	y	y
Ь ь	˙	˙	˙	˙	˙	˙	˙
Э э	è	e	e	é	é	è	e
Ю ю	ju	ju	yu	yu	jû	ju	û
Я я	ja	ja	ya	ya	jâ	ja	â

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The Ukrainian І, і are transliterated I, i, respectively.

The Ukrainian І, і are reproduced without change.

The Serbian Ъ, ъ are transliterated Đ, đ, respectively.

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1 2

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